

Enterprise Health Management Platform (eHMP)

**Release Notes for Release Version 1.2.15
(Release of eHMP UI Version 1.2.6)**



Department of Veterans Affairs

October 2016

Version 1.1

Revision History

Date	Version	Description	Author
10/12/2016	1.1	Updated to address HPS comments to change reference from Version 1.2.15 to eHMP UI Version 1.2.6 in tables 5.1, 5.2, and 5.3.	Accenture Federal Services
09/26/2016	1.0	Update to document eHMP v1.2.15	ASM Research

Deliverable (Product) Version History

(Note: **Yellow** highlights components that changed)

Revision	Release Description	Date	eHMP User Interface (UI)	Health Management Platform (HMP) Patch	Pre-Requisite Patches
1.2.15	eHMP UI 1.2.6	12-Oct-16	eHMP UI 1.2.6 1.2.rc26.79841	HMP 2.0*1 T4	HMP*2.0 (HMP_2-0_20160223-02.KID) PSB*3.0*94 (PSB3_0P94T6.KID) PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.14	eHMP UI 1.2.5	1-Aug-16	eHMP UI 1.2.5 1.2.5.77365	HMP 2.0*1 T4	HMP*2.0 (HMP_2-0_20160223-02.KID) PSB*3.0*94 (PSB3_0P94T6.KID) PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.13	HMP*2.0*1	25-Jul-16	eHMP UI 1.2.4 1.2.4.70681	HMP 2.0*1 T4	HMP*2.0 (HMP_2-0_20160223-02.KID) PSB*3.0*94 (PSB3_0P94T6.KID) PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.12	PSB*3.0*94	10-May-16	eHMP UI 1.2.4 1.2.4.70681	HMP*2.0 v6.1.7 (HMP_2-0_20160223-02.KID)	PSB*3.0*94 T6 (PSB3_0P94T6.KID) PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.11	eHMP UI 1.2.4	06-Apr-16	eHMP UI 1.2.4 1.2.4.70681	HMP*2.0 v6.1.7 (HMP_2-0_20160223-02.KID)	PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)

Revision	Release Description	Date	eHMP User Interface (UI)	Health Management Platform (HMP) Patch	Pre-Requisite Patches
1.2.10	eHMP UI 1.2.3	17-Mar-16	eHMP UI 1.2.3 1.2.3.64914	HMP*2.0 v6.1.7 (HMP_2-0_20160223-02.KID)	PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.9	HMP*2.0 PRB 2.9	04-Mar-16	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.7 (HMP_2-0_20160223-02.KID)	PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID) (GMRC*3.0*80 MD*1.0*38 PSB*3.0*79 OR*3.0*390 TIU*1.0*106 TIU*1.0*298 USR*1.0*37)
1.2.8	HMP*2.0	17-Feb-16	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.6 (HMP_2-0_20160217-01.KID)	PRB 2.8 (HMP_PREREQ_BUNDLE_2-0_V2-8.KID)
1.2.7	HMP*2.0	11-Feb-16	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.5 (HMP_2-0_20160201-02.KID)	PRB 2.8 (HMP_PREREQ_BUNDLE_2-0_V2-8.KID)
1.2.6	HMP*2.0	27-Jan-16	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.4 (HMP_2-0_20160122-01.KID)	PRB 2.8 (HMP_PREREQ_BUNDLE_2-0_V2-8.KID)

Revision	Release Description	Date	eHMP User Interface (UI)	Health Management Platform (HMP) Patch	Pre-Requisite Patches
1.2.5	PRB 2.8	09-Jan-16	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.3 (HMP_2-0_20151030-01.KID)	PRB 2.8 (HMP_PREREQ_BUNDLE_2-0_V2-8.KID) (GMRC*3.0*80 MD*1.0*38 PSB*3.0*79 OR*3.0*390 TIU*1.0*106 TIU*1.0*298 USR*1.0*37)
1.2.4	HMP*2.0	30-Dec-15	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.3 (HMP_2-0_20151030-01.KID)	PRB 2.4 (HMP_PREREQ_BUNDLE_2-0_V2-4.KID)
1.2.3	eHMP UI 1.2.2	17-Nov-15	eHMP UI 1.2.2 1.2.2.49391	HMP*2.0 v6.1.2.J (HMP_2-0_20150910-04.KID)	PRB 2.4 (HMP_PREREQ_BUNDLE_2-0_V2-4.KID)
1.2.2	eHMP UI 1.2.1 HMP*2.0 PRB 2.4	14-Oct-15	eHMP UI 1.2.1 1.2.1.47792	HMP*2.0 v6.1.2.J (HMP_2-0_20150910-04.KID)	PRB 2.4 (HMP_PREREQ_BUNDLE_2-0_V2-4.KID) (GMRC*3.0*80 MD*1.0*38 PSB*3.0*79 OR*3.0*390 TIU*1.0*106 TIU*1.0*298 USR*1.0*37)
1.2.1	HMP*2.0	22-Aug-15	N/A	HMP*2.0 v6.1	N/A

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1. Introduction

The Enterprise Health Management Platform (eHMP) project is a multi-year effort to evolve a modern, service-oriented platform which provides a web-based user interface (UI), clinical data services, and assembles patient clinical data from federated Veterans Health Information Systems and Technology Architecture (VistA) repositories, Department of Defense (DoD), and private partner data sources, reflective of each location providing care to the patient. This federated data is aggregated into an enterprise patient record. eHMP service components will span all application layers, including presentation, business and core services, and data access.

Release 1.1 was the first step in the plan to eventually replace the Computerized Patient Record System (CPRS) as the Department of Veterans Affairs (VA's) primary point of care application, and was the initial platform product supporting a web-based UI.

Release 1.2 introduces critical viewer edition enhancements to provide new capabilities to the VA beyond what is available today via CPRS, Joint Legacy Viewer (JLV), and VistAWeb. The system provides enhanced presentations of clinical data that range from trend views that provide a quick snapshot of easily understandable data, to detailed views that provide the user with a full range of options for examining longitudinal patient medical records. Users are able to configure these views into a limitless number of custom workspaces in order to support a variety of clinical workflows. There are multiple pre-configured workspaces available to the user, which are filtered for specific conditions. The workspaces provide the appropriate clinical information for a selected condition (e.g., COPD, Diabetes). Further enhancements included adding the Military History applet, improved text search across the entire patient record, and more extensive online help utilizing an expanded User Guide.

1.1. Purpose

These release notes pull together the approved Change Requests (CRs), feature and/or user story updates, and closed and known defects associated with a release.

This version of the release notes covers the release of eHMP Version 1.2.15 that incorporates the release of eHMP UI 1.2.6.

1.2. Scope

These release notes associated with eHMP Release Version 1.2.15 are the first notes for this release.

2. Release Method

Release execution is dependent upon the type of code released. These consolidated release notes will cover both VistA (Kernel Installation and Distribution System (KIDS)) and eHMP UI (web-based) releases, as both comprise the totality of eHMP as an application. Releases will occur first in Pre-production/Test accounts and then in Production.

The rollout strategy for both types of code depends upon the complexity of the release. Complex releases will be executed as a controlled release by wave, while more routine releases will be executed simultaneously nation-wide, following the standard national patch release process.

VistA releases will occur via FORUM and eHMP UI releases will be executed by the Release Team installing eHMP code into the Austin Information Technology Center (AITC) accounts. Following successful deployment to AITC, the Release Team will install the same version into the Philadelphia Information Technology Center (PITC) Production account for a warm-based failover contingency.

3. Installation Requirements

3.1. Prerequisites for Installation

Sites up to date with nationally released patches installed. There are no other preconditions to install the PREREQUISITE BUNDLE. The bundle is the prerequisite to installing the HMP patch and PSB*3.0*94. The recommended sequence for installation is the prerequisite bundle, HMP patch, PSB*3.0*94.

3.2. Needed DLLs

Not applicable to eHMP.

3.3. M Triggers

Appendix 1 lists a description of triggers/events that impact eHMP.

3.4. Files

Appendix 2 provides a list of new/modified VA FileMan files that are exported with eHMP KIDS patches.

3.5. Approved Integration Control Registrations

Appendix 3 provides the eHMP Integration Control Registrations (ICRs).

3.6. New Parameters

Appendix 4 provides a list of new parameters for eHMP VistA, exported using the Kernel Parameters File. There are no new parameters for the eHMP UI.

3.7. Operational Data Sync and Patient Data Sync

In the current eHMP system, all operational data from the primary VistA site must be complete before any patient sync can occur. The approach for handling operational data in VistA Exchange Synchronization (VX-Sync), however, must eliminate blocking where possible, avoid bottlenecks, and contribute to the overall scalability of the system.

Implementation Strategy for VX-Sync

Operational Data Subscription Handler - The purpose of the Operational Data Subscription Handler is simply to initiate the operational data sync. It will accept an operational subscription job which contains a list of sites to subscribe for operational data. For each site in the given list, it will send out the appropriate remote procedure call (RPC) so that the site will begin staging and sending operational data.

Integration of metastamps - Metastamps will be applied to operational data up to the "source" layer so that the system can keep track of the progress of the initial operational data sync per site. An operational data metastamp is used to ensure that all the operational data from a site is received during the initial sync with that site. Operational data does not have a last edit time to be used for the metastamp. Therefore, the operational data metastamp will be produced using the request time instead, similar to secondary site data.

Operational data pathway (Store Operational Data Handler and additions to Vista Site Data Poller) - Data sent by the Vista systems will be received by the Vista Site Data Pollers. The Data Pollers will receive both operational and patient data from the primary sources; however, it is not appropriate for operational data to be sent to the Record Enrichment Handler. Therefore, the Vista-Record-Processor determines which type of data it receives and subsequently send that data on the appropriate pathway. If the handler receives operational data, it will send it to a Store Operational Data Handler. The Store Operational Data Handler will send the operational data to JSON Data Store (JDS) to be stored in the appropriate section of JDS.

Determining when a site is ready to sync patients - The Sync Rules Engine includes rules to make sure that a primary site is not synchronized until its operational data has been successfully loaded.

4. Known Issues

4.1. Known Patient Safety Issues

There are no registered patient safety issues addressed in this version of eHMP.

4.2. Other Known Issues

At the time of this writing, all known issues are listed in Table 4-1.

Table 4-1 Other Known Issues

Other Known Issues			
ID	Name	Severity	Opened Date
DE2248	Slow interaction Performance on the CBW workspace	1-Critical	09/02/2015
DE2956	Conditions-Horizontal scroll thumb missing in conditions details form	5-Cosmetic	10/27/2015
DE2957	Numeric Lab Results: Dates in graphs overlap in detail view	4-Low	02/16/2016
DE3057	Visit date showing up as 'Invalid Date' on patient select page	4-Low	11/10/2015
DE3222	502 errors as pertaining to user message Server Error: The server encountered a temporary error and could not complete your request during RC13 Testing/Gating in VA IT 12/8/2015	3-Medium	12/10/2015
DE3409	MAXSTRING at STRING+7^HMPD in Portland Production	3-Medium	01/06/2016
DE3742	Search has a synonym of g for the search term glucose	4-Low	02/09/2016
DE3820	Remove line tag NAME in routine HMPDJ04E	4-Low	02/18/2016
DE3824	Pre-Prod_Workspace 'Author' Field is Not Displaying Correctly	4-Low	02/19/2016
DE3851	RDK: Change artifact from zip to tar	4-Low	02/22/2016
DE3944	Procedures (Surgery/SR) and their result documents do not trigger a freshness update	2-High	02/29/2016
DE4024	Allergy and Orders applet summary detail view not working	4-Low	03/07/2016
DE4053	IV Medication Status does not accurately reflect status within the A&R and Meds Review Applets	2-High	03/10/2016
DE4073	SDD Review: KIDS 6-1-7	3-Medium	03/11/2016

Other Known Issues			
ID	Name	Severity	Opened Date
DE4130	Depression/Hypertension/Pre-Procedure CBWs - Numeric Lab Results applet: "Count" listed twice in filter container	5-Cosmetic	03/16/2016
DE4170	Workspace Editor: "Select A View" pop-up gets partially obscured by other applets	4-Low	03/22/2016
DE4173	Reports- Note text in reports is missing from the report in eHMP	1-Critical	03/29/2016
DE4198	ICR 2048 Remediation - HMP should use the VPR 1.5+ improvements to use ENCEVENT^PXXKENC	3-Medium	03/24/2016
DE4210	VA-309 - MUMPS Error at sign in	3-Medium	03/25/2016
DE4214	HMPUPD and HMP PUT DEMOGRAPHICS are unused and need to be removed	4-Low	03/25/2016
DE4264	ICR 2686 - OE/RR direct reference to XTV(8989.5	4-Low	03/31/2016
DE4382	ICR 6395 - HMP READ ACCESS TO PS(55	4-Low	04/11/2016
DE4384	ICR 6277 - HMP ACCESS TO the MH Questions file (#601.72)	3-Medium	04/11/2016
DE4474	GETKEYS^HMPCRPC1 does not handle broken key pointers or delegated keys	3-Medium	08/05/2016
DE4486	Test Audit - PSI 11.A User Stories	4-Low	04/19/2016
DE4488	ICR 6369 - Accessing the MEDICATION ROUTES File (#51.2) using direct global reads	2-High	04/20/2016
DE4496	Patient loop exits prematurely during Operational Data Synch if DFN is less than zero. (pt-select domain)	2-High	04/20/2016
DE4611	checkHealth does not included commas between list elements	3-Medium	04/28/2016
DE4630	GDT: After selecting dates, cannot select enter to exit date fields	4-Low	06/02/2016
DE4777	Undefined Error in DC Production	4-Low	05/11/2016
DE4827	1.2 - Cosmetic: UDW : Scrollbar is not Moving all the way right in UDW	3-Medium	05/17/2016
DE4841	1.2 and 2.0 Cosmetic: - VA-358 Nationwide search instructions incomplete and cause confusion.	5-Cosmetic	06/13/2016
DE5033	Replace calls to the CODEC^ICDCODE API to use CODEC^ICDEX API	3-Medium	05/27/2016
DE5111	Undefined error retrieving child orders GET+8^ORQ12	4-Low	06/03/2016
DE5131	VA-379 - Strange Facility names in the eHMP Data Sources	3-Medium	06/06/2016

Other Known Issues			
ID	Name	Severity	Opened Date
DE5139	Undefined error in ORWPCE PCE4NOTE remote procedure (production)	2-High	06/06/2016
DE5153	VA-391 - Meds Review - An error has occurred	1-Critical	06/07/2016
DE5163	VA-387 - Inpatient meds showing in error	2-High	06/07/2016
DE5209	The VX-Sync did not get a new update for the provider at initial sync and freshness update	3-Medium	06/20/2016
DE5287	Procedure Document UID does not correspond to actual Document	2-High	06/14/2016
DE5316	Creating an Infusion Order prevents Active & Recent Applet Meds from loading in 1.2 DIT	2-High	06/15/2016
DE5319	1.2 Cosmetic: Kodak: Scroll bar is displaying in "Audiology" quick look and unable to scroll to view the facility which is being cut off.	5-Cosmetic	06/16/2016
DE5353	Text Search suggestions throwing 500 error	3-Medium	06/17/2016
DE5360	VA-421 'F281 Inpatient Immunizations Applet - Not able to ADD filter'	4-Low	07/14/2016
DE5364	Locations resource using own version of pt-select	3-Medium	06/17/2016
DE5369	Sync Adverse Reaction Assessment data to JDS	3-Medium	06/17/2016
DE5375	Vitals (Trend/Expanded/Maximized views): Only most recent BMI calculation is displayed when multiple height and/or weight entries are entered in the same day	4-Low	06/20/2016
DE5376	1.2 - Cosmetic: ETS_Patient Flag is Missing Scroll Bar	3-Medium	06/20/2016
DE5411	Rebooked appointments have incorrect status	4-Low	06/22/2016
DE5440	Military applet is missing the help icon in both environments 1.2 DIT and Combo	3-Medium	06/24/2016
DE5443	VA-431 Problems applet, detailed view does not have a field for ICD 10	4-Low	06/24/2016
DE5451	GDF (Timelime Summary) is not displaying the last Date/Events in the timeline when loaded with (ALL-Range) Data	5-Cosmetic	06/24/2016
DE5465	1.2 - Cosmetic: Demographics and Primary Care header: arrow pointing in wrong direction	4-Low	06/27/2016
DE5632	Vitals Applet: Trend View data does not match after switching to expanded view and back to trend view	3-Medium	07/11/2016
DE5701	VA-443 Patient Selection Bar Disappears (error with Vitals)	3-Medium	07/14/2016
DE5716	ETS: Quick Look tool- tip window displays if there is no dot within the orange diamond	3-Medium	07/14/2016

Other Known Issues			
ID	Name	Severity	Opened Date
DE5717	Med Review filter doesn't persist in a CBW after maximizing	3-Medium	07/14/2016
DE5718	No double arrows on the horizontal bar for CBWs	5-Cosmetic	07/14/2016
DE5719	VA-480 More Strange (Lab/Rad) orders in the meds applets	2-High	07/14/2016
DE5720	No scroll bar on flags on a patients record	4-Low	07/14/2016
DE5724	Diabetes Mellitus renders slow in VA Performance environment	3-Medium	07/15/2016
DE5725	Meds Review renders slow in VA Performance environment	3-Medium	07/15/2016
DE5776	VA-481 - Workspace Editor Naming Convention	4-Low	07/19/2016
DE5816	Production - Patient will not sync	2-High	08/02/2016
DE5820	TypeError: "Unable to get property 'destroy' of undefined or null reference" Unable to load certain Patients	4-Low	07/20/2016
DE5854	Possible memory leak or garbage collection issue detected during endurance stress test against single RDK VM	2-High	07/21/2016
DE5875	Data sources on Footer are disappearing after data in applets is loaded	3-Medium	07/21/2016
DE5880	SNOMED CT external site unreachable in VA environments	3-Medium	07/22/2016
DE5882	Patient Search Logs Missing Demographics As An Error	3-Medium	07/22/2016
DE5883	Numeric Lab Results: Lab Results are overlapping	5-Cosmetic	07/22/2016
DE5886	R1.2 Documents Applet not displaying expected document types	1-Critical	07/22/2016
DE5916	Clinical reminders show in CPRS but not eHMP r1.2	1-Critical	07/22/2016
DE5917	RDK r1.2 logs sensitive information at info level for suggest Search	2-High	07/22/2016
DE5932	CCOW- Context link to vault server not set in eHMP	3-Medium	07/24/2016
DE5947	VA-435 Patient demographics errors	4-Low	07/25/2016
DE5951	RDK asu get Permission Missing Callback	3-Medium	07/25/2016
DE5956	(1.2 only) Pre Prod is displaying the wrong error message when Access/Verify codes need to be changed	3-Medium	07/25/2016

Other Known Issues			
ID	Name	Severity	Opened Date
DE5970	Search box results are not aligned	4-Low	07/26/2016
DE5988	(2.0) Narrative Lab Results (all views): incorrect tooltips	5-Cosmetic	07/27/2016
DE6003	R1.2: Patient information is not cleared after a user logs out	2-High	07/27/2016
DE6041	Unable to access patient record following nationwide search if one of the VX-Sync sources fails/unavailable	3-Medium	07/29/2016
DE6043	Problems Applet- Quick look display Last Updated Value instead of Onset Date	4-Low	07/29/2016
DE6045	Stack Graphs: Unable to open details of medications	3-Medium	07/29/2016
DE6047	Freshness stream error when deleting "tidy" nodes TIDYX+3^HMPDJFSG	3-Medium	07/29/2016
DE6062	Osyntax using old version of vista-js node module	3-Medium	08/01/2016
DE6077	Http error codes not being caught on RDK	3-Medium	08/01/2016
DE6094	Possible Request.js Memory Leak	3-Medium	08/02/2016
DE6110	R 1.2: Console error: View Type: 'undefined' is not available for the undefined applet	4-Low	08/02/2016
DE6147	Change direct global read of DIC(4 in HMPTFU2 to be FileMan reads	3-Medium	08/03/2016
DE6148	Need to validate logged in site when changing patient context	2-High	08/03/2016
DE6159	Overview Load Time - Performance Issue	2-High	08/04/2016
DE6161	User Log In - Performance Issue	2-High	08/04/2016
DE6163	Workspace Manager - Performance Issue	3-Medium	08/04/2016
DE6165	Workspace Editor - Performance Issue	3-Medium	08/04/2016
DE6166	Delete Workspace - Performance Issue	3-Medium	08/04/2016
DE6168	Error when building consult domains, MAXSTRING at Indianapolis	4-Low	08/04/2016
DE6171	Depression workspace from dropdown menu - Performance Issue	3-Medium	08/04/2016
DE6175	Hypertension workspace drop down menu - Performance Issue	3-Medium	08/04/2016
DE6176	Coversheet workspace drop down menu - Performance Issue	3-Medium	08/04/2016
DE6177	Overview workspace dropdown menu - Performance Issue	2-High	08/04/2016

Other Known Issues			
ID	Name	Severity	Opened Date
DE6188	Patient Search - Performance Issue	2-High	08/05/2016
DE6192	Maximize icon for Encounters Applet - Performance Issue	3-Medium	08/05/2016
DE6194	Maximize Applet Icon for Lab Results Applet - Performance Issue	2-High	08/05/2016
DE6195	VA-488 - In eHMP a different patient comes up from the one that is searched in nationwide search	1-Critical	08/05/2016
DE6196	VA-490 - Inaccurate Filter Results on Documents Applet	4-Low	08/05/2016
DE6200	GDT - Global Date Timeline Applet	2-High	08/05/2016
DE6203	Clinical Reminders - GDT	4-Low	08/05/2016
DE6204	Conditions Applet on its own workspace - Global Date Timeline	2-High	08/05/2016
DE6206	Immunizations applet on its own workspace - Global Date Timeline - Issue	2-High	08/05/2016
DE6207	Encounters applet on its own workspace - Global Date Timeline	2-High	08/05/2016
DE6208	Meds Review on its own workspace - Global Date Timeline - Issue	2-High	08/05/2016
DE6209	Allergies applet on its own workspace - Global Date Timeline - Issue	2-High	08/05/2016
DE6210	Vitals applet on its own workspace - GTDF - Issue	2-High	08/05/2016
DE6211	Labs - Global Date Timeline - Issue	2-High	08/05/2016
DE6212	Lab Results - GTDF - Issue	2-High	08/05/2016
DE6213	Access eHmp home page - Issue	2-High	08/05/2016
DE6250	Orders applet- Bottom scroll arrow is missing from Expanded view	3-Medium	08/08/2016
DE6254	Xpolog index problem with User Metrics Successful User Logins	3-Medium	08/08/2016
DE6255	XpoLog LoadBalancer Dashboard Outstanding Call Response Metrics visuals	3-Medium	08/08/2016
DE6259	PEP: sensitive RPC call error during synch	2-High	08/08/2016
DE6262	Bring HMP*2.0*1 patch up to proper version in git, Change kids-manifest.json to have KIDS builds in proper place	4-Low	08/09/2016
DE6270	VA-494 New Workspace has Problems applets in it	4-Low	08/09/2016

Other Known Issues			
ID	Name	Severity	Opened Date
DE6275	VA Prod - Encounters is not showing charts	2-High	08/09/2016
DE6277	Line 19 in vxsync_vista upstart script needs to be changed from 'sh /opt/vxsync_client...' to 'sh /opt/vxsync_vista...'	3-Medium	08/09/2016
DE6281	Load Clinic data once per user session	1-Critical	08/10/2016
DE6287	Appointments&Visits applet: Bottom scroll arrow is missing from applet	3-Medium	08/10/2016
DE6288	VA-491 - Vitals applet performance slow	2-High	08/10/2016
DE6290	VA-492 Status Error - 500 received when searching wards	2-High	08/10/2016
DE6291	suggestSearch.js logs the entire rdk config	3-Medium	08/10/2016
DE6294	VA -493 - Things that are not outpatient meds are showing up in the outpatient meds section of Meds Review applet	3-Medium	08/10/2016
DE6295	Disable ODS check in RDK	1-Critical	08/10/2016
DE6301	RDK Logging performance	3-Medium	08/10/2016
DE6303	User VK in COMBO/PANORAMA unable to create new UDW	4-Low	08/10/2016
DE6306	get-op-data uses inefficient JDS queries	3-Medium	08/11/2016
DE6308	RDK Operational Data Interceptor Performance Issue	2-High	08/11/2016
DE6309	Pre-Prod/Prod: Performance Lag when loading clinics - RDK	2-High	08/11/2016
DE6310	Sync Interceptor Clears and Re-syncs patients 24 hours after Sync	1-Critical	08/11/2016
DE6316	JDS: Remove apiVersion from response body	4-Low	08/11/2016
DE6318	Tracking: SNOMED CT external site unreachable in VA environments	3-Medium	08/11/2016
DE6339	Debug 2 RDK tests that are failing in Jenkins due to Cache upgrade	2-High	08/12/2016
DE6341	Allergies applet : Next and Previous buttons always take user to first and last records in the applet when first clicked	4-Low	08/14/2016
DE6342	History of Lab- Duplicate History is displayed	3-Medium	08/15/2016
DE6343	Refactor Immunizations details modal to use the collection eventing approach	4-Low	08/15/2016

Other Known Issues			
ID	Name	Severity	Opened Date
DE6344	Order a Lab Test form- previous and Next icons are displayed	4-Low	08/15/2016

5. Included New Functionality and Defect Fixes

5.1. Included User Stories

User stories introduced in eHMP UI Version 1.2.6 are listed in Table 5-1.

Table 5-1 Incorporated User Stories

ID	Name	Opened Date
US12377	Notes Enhancement: Performance: Create a new ASU endpoint to take a list of documents	12/30/2015
US15014	F1041: Horizontal scaling for VX Sync	
US16265	backport standalone ASU deployment to r1.2	
US16351	(r1.2) Limit Data Status to a single request at a time	07/25/2016
US16447	F927 - Regression 1.2 Testing - RC26	

5.2. Fixed Defects

Defects specifically resolved in eHMP UI Version 1.2.6 are listed in Table 5-2.

Table 5-2 Fixed Defects

ID	Name	Severity	Opened Date	Test Method /Test Case Identifier
DE3794	1.2 eHMP UI: Trend View Applets Resizing Issue	5-Cosmetic	02/15/2016	None
DE4167	Pre-defined filters in CBWs: Numeric Lab Results applet in the Hypertension CBW displaying incorrect records	3-Medium	03/22/2016	TC5436
DE4255	The pidmeta generic data store does not follow VPR conventions	2-High	03/30/2016	TC5261
DE4311	eHMP UI: Duplicated Workspaces Not Arranging Correctly	4-Low	04/05/2016	None
DE4314	Narrative Lab Results (all views): incorrect tooltips	5-Cosmetic	04/05/2016	None
DE4412	VA-336 - The partial workspace error is back	2-High	04/13/2016	None
DE4924	Narrative Lab Results - Filter not returning results correctly	3-Medium	05/23/2016	TC5210
DE5368	Discontinuing Active meds displays the medication twice within the A&R applet (1.2 DIT)	3-Medium	06/17/2016	TC5598 TC5601
DE5445	Search Records: Getting different search suggestions based on a Capital letter	3-Medium	06/24/2016	TC5297

ID	Name	Severity	Opened Date	Test Method /Test Case Identifier
DE5528	Pre-defined filters in CBWs: predefined filters are missing from Hypertension, Depression and other predefined screens.	3-Medium	07/06/2016	TC5420
DE5612	Performance (Numeric Lab Results/Orders applets): refresh triggered during infinite scrolling	3-Medium	07/11/2016	None
DE5667	1.2 - ETS_eHMP Data Sources Modal displays last update as 411 years ago	3-Medium	07/13/2016	TC5612
DE5674	VA-471 - Lab Error Upon Refresh Goes From Critical to Abnormal	1-Critical	07/13/2016	None
DE5686	Nationwide Search cannot determine sync status of patient demographic data	3-Medium	07/13/2016	TC5523 TC5574
DE5780	Test Patient 9E7A;230 does not complete - It appears that no response is received from JMeadows. 1.2	2-High	07/19/2016	TC5626
DE5881	PEP Error Messages (1.2)	3-Medium	07/22/2016	None
DE5886	R1.2 Documents Applet not displaying expected document types	1-Critical	07/22/2016	None
DE5924	Resource Server: bluepill will not restart the service under certain conditions	2-High	07/23/2016	None
DE5951	RDK asu getPermission Missing Callback	3-Medium	07/25/2016	None
DE5977	Search suggestion drop down returns incomplete suggestion	2-High	07/26/2016	None

5.3. Fixed VA Defects

VA reported defects specifically resolved in eHMP UI Version 1.2.6 are listed in Table 5-3.

Table 5-3 Fixed VA Defects

Fixed VA Defects					
VA ID	ID	Name	Severity	Opened Date	Test Method/Test Case Identifier
VA-336	DE4412	VA-336 - The partial workspace error is back	2-High	04/13/2016	None
VA-471	DE5674	VA-471 - Lab Error Upon Refresh Goes From Critical to Abnormal	1-Critical	07/13/2016	None

A. Appendix 1 – M Triggers

Table A-1 details the M Triggers.

Table A-1 M Triggers

M Triggers	
PROTOCOL LIST	MAR 3,2016 07:11 PAGE 1

<p>NUMBER: 6167 ITEM TEXT: HMP HL7 ADT-A04 Client CREATOR: PROGRAMMER,ONE DESCRIPTION: This client protocol is used to process HL7 ADT/A04 messages published by the VAFC ADT-A04 SERVER protocol.</p> <p>The client causes a HMP 'freshness' event for each new patient registration that occurs. This is especially important for new patients, as it is the only MAS event mechanism available that can be used to discover new patient entries.</p> <p>Note: The ROUTING LOGIC does not send any HL7 messages. As mentioned above, It adds a HMP (Health Management Platform) 'freshness' event.</p>	<p>NAME: HMP ADT-A04 CLIENT TYPE: subscriber TIMESTAMP: 63971,54512 RECEIVING APPLICATION: HMP HL7 RESPONSE MESSAGE TYPE: ADT ROUTING LOGIC: D ADT^HMPEHL7(\$G(HLFS),HLNEXT,\$G(HLNODE),HLQUIT)</p>
<p>NUMBER: 6168 ITEM TEXT: HMP HL7 ADT-A08 Client CREATOR: PROGRAMMER,ONE DESCRIPTION: This client protocol is used to process HL7 ADT/A08 messages published by the VAFC ADT-A08 SERVER protocol.</p> <p>The client filters A08 events. It adds to the HMP 'freshness' queue only if the A08 was the result of the patient's sensitivity being modified via the DG SECURITY EDIT/EDIT option. All other A08 events are ignored and should not add to the 'freshness' queue.</p> <p>Note: The ROUTING LOGIC does not send any HL7 messages. As mentioned above, It adds a HMP (Health Management Platform) 'freshness' event.</p>	<p>NAME: HMP ADT-A08 CLIENT TYPE: subscriber TIMESTAMP: 63971,54512 RECEIVING APPLICATION: HMP HL7 RESPONSE MESSAGE TYPE: ADT ROUTING LOGIC: D ADT^HMPEHL7(\$G(HLFS),HLNEXT,\$G(HLNODE),HLQUIT)</p>
<p>NUMBER: 6169 ITEM TEXT: Appointment events for HMP TYPE: action CREATOR: PROGRAMMER,ONE DESCRIPTION: This protocol will track appointments for HMP.</p>	<p>NAME: HMP APPT EVENTS ENTRY ACTION: D SDAM^HMPEVNT(SDATA) TIMESTAMP: 63971,54512</p>
<p>NUMBER: 6170 ITEM TEXT: DG updates for HMP CREATOR: PROGRAMMER,ONE DESCRIPTION: This protocol will track Patient file changes for HMP.</p>	<p>NAME: HMP DG UPDATES TYPE: action ENTRY ACTION: D DG^HMPEVNT(DGDA,DGFIELD,DGFILE) TIMESTAMP: 63971,54512</p>
<p>NUMBER: 6191 TYPE: action PACKAGE: HEALTH MANAGEMENT PLATFORM DESCRIPTION: Used to trigger a JDS update when the DGPf ASSIGN FLAG action protocol is used. A patient must have been selected and the DFN value is in DGDfn.</p>	<p>NAME: HMP DGPf ASSIGN FLAG CREATOR: PROGRAMMER,ONE</p>

M Triggers

ENTRY ACTION: I \$G(DGDFN),\$L(\$T(POST^HMPEVNT)) D POST^HMPEVNT(DGDFN,"patient",DGDFN)

NUMBER: 6171 NAME: HMP GMPL EVENT
ITEM TEXT: Problem List events for HMP
TYPE: action CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol will track new and updated problems for HMP.
IDENTIFIER: HMP GMPL EVENT ENTRY ACTION: D GMPL^HMPEVNT(DFN,GMPIFN)
TIMESTAMP: 63971,54512

NUMBER: 6175 NAME: HMP GMRA EVENTS
ITEM TEXT: Allergy Events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol will track Allergy data updates for HMP.
ENTRY ACTION: D GMRA^HMPEVNT("") TIMESTAMP: 63971,54512

NUMBER: 6172 NAME: HMP INPT EVENTS
ITEM TEXT: Inpatient Movement events for HMP
TYPE: action CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol will track patient admissions and discharges for HMP.
ENTRY ACTION: D DGPMA^HMPEVNT(DGPMA,DGPMDA,DGPMP,DGPMT)
TIMESTAMP: 63971,54512

NUMBER: 6177 NAME: HMP MDC EVENT
ITEM TEXT: CLiO events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol will track new and updated observations for HMP.
ENTRY ACTION: D MDC^HMPEVNT(.MDCOBS) TIMESTAMP: 63971,54512

NUMBER: 6176 NAME: HMP NA EVENTS
ITEM TEXT: XQOR HL7 events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol monitors order events for HMP. It is placed on the OR EVSEND * protocols to check for order numbers assigned to new orders placed from the ancillary packages.
ENTRY ACTION: D NA^HMPEVNT(.XQORMSG) TIMESTAMP: 63971,54512

NUMBER: 6173 NAME: HMP PCE EVENTS
ITEM TEXT: PCE events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol will track PCE visit data for HMP.
ENTRY ACTION: D PCE^HMPEVNT TIMESTAMP: 63971,54512

NUMBER: 6179 NAME: HMP PCMM TEAM
ITEM TEXT: PCMM Team events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
ENTRY ACTION: D PCMMT^HMPEVNT(SCPTTMAF,SCPTTMB4)
TIMESTAMP: 63971,54512

NUMBER: 6180 NAME: HMP PCMM TEAM POSITION
ITEM TEXT: PCMM Team Position events for HMP
TYPE: action CREATOR: PROGRAMMER,ONE
ENTRY ACTION: D PCMMTP^HMPEVNT(SCPTTPAF,SCPTTPB4)
TIMESTAMP: 63971,54512

NUMBER: 6178 NAME: HMP PSB EVENTS
ITEM TEXT: BCMA events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol will track medication administrations for HMP.
ENTRY ACTION: D PSB^HMPEVNT(.PSBIEN) TIMESTAMP: 63971,54512

NUMBER: 6174 NAME: HMP XQOR EVENTS
ITEM TEXT: XQOR HL7 events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol monitors order events for HMP. It is placed on the * EVSEND OR protocols to check for updates being sent from ancillary

M Triggers

packages to Order Entry; it monitors when orders are completed.

ENTRY ACTION: D XQOR^HMPEVNT(.XQORMSG)

TIMESTAMP: 63971,54512

NUMBER: 6184

NAME: HMPM EVT QUE CHANGE DOMAIN

ITEM TEXT: Change Domain

TYPE: action

CREATOR: PROGRAMMER,ONE

DESCRIPTION: Allows user to indicate only freshness events for a particular domain, like med, task, visit, etc., or all domains should be listed in freshness viewer.

ENTRY ACTION: D CD^HMPEQLM

TIMESTAMP: 63971,54512

NUMBER: 6190

NAME: HMPM EVT QUE CHANGE MAX LISTED

ITEM TEXT: Change Max Limit

TYPE: action

CREATOR: PROGRAMMER,ONE

DESCRIPTION: Allows user to select the maximum events to display in the freshness queue viewer. (10 - 1000)

ENTRY ACTION: D CM^HMPEQLM

TIMESTAMP: 63971,54512

NUMBER: 6182

NAME: HMPM EVT QUE CHANGE SERVER

ITEM TEXT: Change Server

TYPE: action

CREATOR: PROGRAMMER,ONE

DESCRIPTION: Allows user to change which server's freshness queue events to display in the viewer.

ITEM: HMPM EVT QUE FRESHNESS REPORT

ENTRY ACTION: D CS^HMPEQLM

TIMESTAMP: 63971,54512

NUMBER: 6186

NAME: HMPM EVT QUE DISPLAY DETAILS

ITEM TEXT: Display Details

TYPE: action

CREATOR: PROGRAMMER,ONE

DESCRIPTION: Display details related to an event listed in the freshness queue viewer.

ENTRY ACTION: D DETAIL^HMPEQLM

TIMESTAMP: 63971,54512

NUMBER: 6187

NAME: HMPM EVT QUE FILTER

ITEM TEXT: Filter Events

TYPE: action

CREATOR: PROGRAMMER,ONE

DESCRIPTION: Allows user to indicate only freshness events with a state of 'processed' or 'waiting to be processed' or all events should be listed in freshness viewer.

ENTRY ACTION: D FILTER^HMPEQLM

TIMESTAMP: 63971,54512

NUMBER: 6183

NAME: HMPM EVT QUE FRESHNESS REPORT

ITEM TEXT: Freshness Report

TYPE: action

CREATOR: PROGRAMMER,ONE

DESCRIPTION: View overview freshness queue information for all HMP servers.

ENTRY ACTION: D FSHRPT^HMPEQLM

TIMESTAMP: 63971,54512

NUMBER: 6181

NAME: HMPM EVT QUE MGR MENU

ITEM TEXT: VPR Freshness Queue Viewer

TYPE: menu

CREATOR: PROGRAMMER,ONE

DESCRIPTION: Main protocol menu used by the VPRM EVT QUE MGR ListMan template.

COLUMN WIDTH: 26

MNEMONIC WIDTH: 4

ITEM: HMPM EVT QUE FRESHNESS REPORT

ITEM: HMPM EVT QUE CHANGE DOMAIN

ITEM: HMPM EVT QUE REFRESH

ITEM: HMPM EVT QUE DISPLAY DETAILS

ITEM: HMPM EVT QUE FILTER

ITEM: HMPM EVT QUE SHOW TEMP GLOBALS

ITEM: HMPM EVT QUE SELECT PATIENT

ITEM: HMPM EVT QUE CHANGE MAX LISTED

ITEM: HMPM EVT QUE CHANGE SERVER

ENTRY ACTION: S XQORM("B")="Update"

SCREEN: I 1 X:\$D(^ORD(101,+SP(^ORD(101,DA(1),10,DA,0),"^",1),24))^(24)

HEADER: D SHOW^VALM

MENU PROMPT: Select Action:

TIMESTAMP: 63971,54512

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NUMBER: 6185 NAME: HMPM EVT QUE REFRESH
ITEM TEXT: Update TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: Refresh/update the current list of freshness queue events using
the current criteria/filters specified.
ENTRY ACTION: D REFRESH^HMPEQLM TIMESTAMP: 63971,54512

NUMBER: 6189 NAME: HMPM EVT QUE SELECT PATIENT
ITEM TEXT: Select Patient TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: Allows user to specify that only the freshness events for the
selected patient should be used in the freshness queue event viewer.
ENTRY ACTION: D SELPT^HMPEQLM TIMESTAMP: 63971,54512

NUMBER: 6188 NAME: HMPM EVT QUE SHOW TEMP GLOBALS
ITEM TEXT: Temp Global Usage TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: Show VPR temporary global usage report.

The report displays summary information related to VPR processing use of ^XTMP
and ^TMP globals.
ENTRY ACTION: D SHOWHMPN^HMPEQLM TIMESTAMP: 63971,54512

P

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NAME: DG FIELD MONITOR ITEM TEXT: DG Field Monitor
TYPE: extended action CREATOR: PROGRAMMER,ONE
PACKAGE: REGISTRATION
DESCRIPTION: This protocol is an event point which monitors the editing of
fields in DG* application files. At the time of this event point, the
following variables will be present in the environment:

Variable	Description
-----	-----
DGDA	DA array as exists during Fileman editing
DGFILE	File or subfile number where changed field resides
DGFIELD	Number of changed field
DGTYPE	Type of cross reference action (ADD, DELETE or UPDATE)
DGDTH	Date/time of change in \$Horolog format
DGUSER	DUZ of user that made the change
DGOPT	Current menu option in "option_name^menu_text" format
DGX	X array as documented for Fileman new style x-refs
DGX1	X1 array as documented for Fileman new style x-refs
DGX2	X2 array as documented for Fileman new style x-refs

This protocol is triggered by "listener" cross references on selected fields.
By employing logic such as "If DGFILE=2, DGFIELD=.361, DGTYPE="ADD", then...",
subscribers to this protocol may take action based on edit activity which
involves those fields.

This event point is designed to occur only once per field editing activity.
The DGTYPE variable can be interpreted as follows:

- o ADD transactions indicate that data has been added to a field
that was previously null. The DGX, DGX1 and DGX2 arrays will
contain the Fileman X, X1 and X2 arrays (respectively) as
documented for the execution of 'SET' logic.
- o DELETE transactions indicate that previously existing data has
been deleted without being replaced. The DGX, DGX1 and DGX2
arrays will contain the Fileman X, X1 and X2 arrays

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(respectively) as documented for the execution of 'KILL' logic.

- o UPDATE transactions indicate that existing data has been deleted and new data has been filed. The DGX, DGX1 and DGX2 arrays will contain the Fileman X, X1 and X2 arrays (respectively) as documented for the execution of 'SET' logic.

The naming convention used for these 'new style' cross-references for this Patch are as follows:

1. All names will begin with the letter "A" to denote a non-lookup MUMPS cross-reference.
2. The next characters identify the name space (i.e. Registration ="DG").
3. The next two characters identify the field monitor utility ("FM").
4. The next character will be "D" if the field contains a decimal. If there is no decimal, there will not be a "D" character.
5. The next characters identify the field number.

The establishment of this naming convention is intended to assist with the easy identification of the field monitoring utility as implemented across multiple field definitions. It should be followed as additional instances of this utility are distributed.

ITEM: PSU PATIENT DEMOGRAPHIC CHANGE

ITEM: HMP DG UPDATES

TIMESTAMP: 63971,54512

NAME: DGPf ASSIGN FLAG

ITEM TEXT: Assign Flag

TYPE: extended action

CREATOR: PROGRAMMER,ONE

PACKAGE: REGISTRATION

DESCRIPTION: This action protocol permits the user to assign a flag to a patient within the Record Flag Assignment [DGPf RECORD FLAG ASSIGNMENT] option.

ITEM: HMP DGPf ASSIGN FLAG

ENTRY ACTION: D AF^DGPfLMA2

SCREEN: I \$(DGFN)

TIMESTAMP: 63971,45304

NAME: DGPM MOVEMENT EVENTS

ITEM TEXT: MOVEMENT EVENTS v 5.0

TYPE: extended action

CREATOR: PROGRAMMER,ONE

PACKAGE: REGISTRATION

DESCRIPTION:

At the completion of a patient movement the following events take place through this option:

1. The PTF record is updated when a patient is admitted, discharged or transferred.
2. The appointment status for a patient is updated to 'inpatient' for admissions and 'outpatient' for discharges. Admissions to the domiciliary have an 'outpatient' appointment status.
3. When a patient is admitted, dietetics creates a dietetic patient file entry and creates an admission diet order. When a patient is discharged, all active diet orders are discontinued. If a patient is absent or on pass, the diet orders are suspended.
4. Inpatient Pharmacy cancels all active orders when a patient is admitted, discharged or on unauthorized absence. A patient cannot be given Unit Dose meds unless s/he is admitted to a ward. The patient can receive IV meds; however. When a patient is transferred, an inpatient system parameter is used to determine whether or not the orders should be cancelled. When a patient goes on authorized absence, the

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inpatient system parameter is used to determine whether the orders should be cancelled, placed on hold or no action taken. When a patient returns from authorized absence any orders placed on hold will no longer be on hold.

5. With ORDER ENTRY/RESULTS REPORTING v2.2, MAS OE/RR NOTIFICATIONS may be displayed to USERS defined in an OE/RR LIST for the patient. These notifications are displayed for admissions and death discharges.

ITEM: DGPM TREATING SPECIALTY EVENT
ITEM: SD APPT STATUS
ITEM: OCX ORDER CHECK PATIENT MOVE.
ITEM: DGOERR NOTE SEQUENCE: 15
ITEM: DGJ INCOMPLETE EVENT
ITEM: GMRADGPM MARK CHART
ITEM: DG MEANS TEST DOM
ITEM: IB MEANS TEST BILLING
ITEM: ORU AUTOLIST SEQUENCE: 1
ITEM: FHWMAS SEQUENCE: 14
ITEM: GMRVOR DGPM
ITEM: DVB ADMISSION HINQ MNEMONIC: DVBH
SEQUENCE: 2
ITEM: PSJ OR PAT ADT
ITEM: ORU PATIENT MOVMT
ITEM: SC PCMM INPATIENT ACTIVITY
ITEM: SC ASSIGN PC TEAM ON DISCHARGE
ITEM: VSIT PATIENT STATUS
ITEM: PSD PAT ADT
ITEM: VAFH HL7 INPATIENT CAPTURE SEQUENCE: 3
ITEM: VAFH HL7 INPATIENT CAPTURE SEQUENCE: 4
ITEM: OR GUA EVENT PROCESSOR SEQUENCE: 999
ITEM: DG OERR TREATING TRANSFER SEQUENCE: 13
ITEM: IVM FINANCIAL QUERY FOR ADMISSION
ITEM: DGRU INPATIENT CAPTURE SEQUENCE: 5
ITEM: RG ADT INPATIENT ENCOUNTER DRIVER
ITEM: ROR EVENT PTF
ITEM: EAS UE INP EVENT
ITEM: PSB BCBU PATIENT MOVEMENT SEQUENCE: 100
ITEM: SPN ALERT
ITEM: HMP INPT EVENTS
TIMESTAMP: 63971,54512

NAME: FH EVSEND OR ITEM TEXT: FH --> OR event messages
TYPE: extended action CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol is used to send HL7 message to Order Entry 3 or higher from Dietetics.
ITEM: OR RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE
ITEM: EDP MONITOR
ITEM: HMP XQOR EVENTS
TIMESTAMP: 63971,54512

NAME: GMPL EVENT ITEM TEXT: Problem List Update Event
TYPE: extended action CREATOR: PROGRAMMER,ONE
PACKAGE: PROBLEM LIST
DESCRIPTION: This protocol will be invoked whenever a problem is added or modified via Problem List options or RPC's. It is triggered by setting the Date Last Modified field #.03 of the Problem file #9000011, in the DTMOD^GMPLX function. The following variables will be available to read and use, but do NOT kill:

DFN = Patient ien, file #2
GMPIFN = Problem ien, file #9000011
ITEM: HMP GMPL EVENT
TIMESTAMP: 63971,54512

NAME: GMRA ENTERED IN ERROR

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ITEM TEXT: Reaction Data Entered in Error
TYPE: extended action CREATOR: PROGRAMMER,ONE
PACKAGE: ADVERSE REACTION TRACKING
DESCRIPTION: This protocol will be activated whenever a reaction is Entered
in Error. Listed below are the variables that will be defined for that
reaction.

Variables:

GMRAPA = The Internal Entry Number of the reaction in
File 120.8 (PATIENT ALLERGIES)

GMRAPA(0) = The zero node of the entry in File 120.8.
Below is a description of the data for that node.

\$P	Field name	Field type
1	PATIENT	Pointer to File 2 (PATIENT)
2	REACTANT	Free Text of Reaction
3	GMR ALLERGY	Variable Pointer *
4	ORIGINATION DATE/TIME	Date/Time (FileMan format)
5	ORIGINATOR	Pointer to File 200 (NEW PERSON)
6	OBSERVED/HISTORICAL	Set of Codes (o=Observed,h=Historical)
12	ORIGINATOR SIGN OFF	Set of Codes (1=Signed,(Zero or Null)=Unsigned)
14	MECHANISM	Set of Codes

(U=Unknown,P=Pharmacologic,A=Allergy)

16	VERIFIED	Set of Codes (1=Verified,(0 or Null)=Not
----	----------	---

Verified)

17	VERIFICATION DATE/TIME	Date/Time (FileMan format)
18	VERIFIER	Pointer to File 200
20	ALLERGY TYPE	Free Text/Set of Codes 1 to 3 characters long (Where "D" = Drug, "F" = Food, "O" = Other)

*The GMR ALLERGY field is a variable pointer which points to one of five
possible files. They are:

File Name	File Reference
GMR ALLERGIES	GMR(120.8, (e.g., 212;GMR(120.8,) NATIONAL DRUG
PSNDF(DRUG	PSDRUG(DRUG INGREDIENTS PS(50.416, VA
DRUG CLASS	PS(50.605,

ITEM: FH SIGNED REACTION CANCEL

ITEM: HMP GMRA EVENTS

TIMESTAMP: 63971,54512

NAME: GMRA SIGN-OFF ON DATA ITEM TEXT: Sign-off on Reaction Data
TYPE: extended action CREATOR: PROGRAMMER,ONE

PACKAGE: ADVERSE REACTION TRACKING

DESCRIPTION: This protocol will be activated whenever a reaction is Signed.
Listed below are the variables that will be defined for that reaction.

Variables:

GMRAPA = The Internal Entry Number of the reaction in
File 120.8 (PATIENT ALLERGIES)

GMRAPA(0) = The zero node of the entry in File 120.8.
Below is a description of the data for that node.

\$P	Field name	Field type
1	PATIENT	Pointer to File 2 (PATIENT)
2	REACTANT	Free Text of Reaction
3	GMR ALLERGY	Variable Pointer *

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4 ORIGINATION DATE/TIME Date/Time (FileMan format)
 5 ORIGINATOR Pointer to File 200 (NEW PERSON)
 6 OBSERVED/HISTORICAL Set of Codes
 (o=Observed,h=Historical)
 12 ORIGINATOR SIGN OFF Set of Codes
 (1=Signed,(Zero or Null)=Unsigned)
 14 MECHANISM Set of Codes

(U=Unknown,P=Pharmacologic,A=Allergy)

16 VERIFIED Set of Codes
 (1=Verified,(0 or Null)=Not

Verified)

17 VERIFICATION DATE/TIME Date/Time (FileMan format)
 18 VERIFIER Pointer to File 200
 20 ALLERGY TYPE Free Text/Set of Codes
 1 to 3 characters long
 (Where "D" = Drug,
 "F" = Food,
 "O" = Other)

*The GMR ALLERGY field is a variable pointer which points to one of five possible files. They are:

File Name	File Reference
-----	-----
GMR ALLERGIES	GMR(120.8, (e.g., 212;GMR(120.8,)
NATIONAL DRUG PS(50.416, VA DRUG CLASS	PSNDF(DRUG PS(50.605,
PSDRUG(DRUG INGREDIENTS	
ITEM: FH SIGNED REACTION INTERFACE	
ITEM: HMP GMRA EVENTS	
TIMESTAMP: 63971,54512	
NAME: GMRC EVSEND OR	ITEM TEXT: Consults event sent to OE/RR
TYPE: extended action	CREATOR: PROGRAMMER,ONE
PACKAGE: CONSULT/REQUEST TRACKING	
ITEM: OR RECEIVE	SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE	SEQUENCE: 2
ITEM: MAGD RECEIVE EVENTS	
ITEM: MD RECEIVE GMRC	
ITEM: EDP MONITOR	
ITEM: HMP XQOR EVENTS	
TIMESTAMP: 63971,54512	
NAME: HMPM EVT QUE CHANGE SERVER	ITEM TEXT: Change Server
TYPE: action	CREATOR: PROGRAMMER,ONE
DESCRIPTION: Allows user to change which server's freshness queue events to display in the viewer.	
ITEM: HMPM EVT QUE FRESHNESS REPORT	
ENTRY ACTION: D CS^HMPEQLM	TIMESTAMP: 63971,54512
NAME: HMPM EVT QUE MGR MENU	ITEM TEXT: VPR Freshness Queue Viewer
TYPE: menu	CREATOR: PROGRAMMER,ONE
DESCRIPTION: Main protocol menu used by the VPRM EVT QUE MGR ListMan template.	
COLUMN WIDTH: 26	MNEMONIC WIDTH: 4
ITEM: HMPM EVT QUE FRESHNESS REPORT	
ITEM: HMPM EVT QUE CHANGE DOMAIN	
ITEM: HMPM EVT QUE REFRESH	
ITEM: HMPM EVT QUE DISPLAY DETAILS	
ITEM: HMPM EVT QUE FILTER	
ITEM: HMPM EVT QUE SHOW TEMP GLOBALS	
ITEM: HMPM EVT QUE SELECT PATIENT	
ITEM: HMPM EVT QUE CHANGE MAX LISTED	
ITEM: HMPM EVT QUE CHANGE SERVER	
ENTRY ACTION: S XQORM("B")="Update"	

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SCREEN: I 1 X:\$D(^ORD(101,+\$(^ORD(101,DA(1),10,DA,0),"^",1),24))^(24)
HEADER: D SHOW^VALM MENU PROMPT: Select Action:
TIMESTAMP: 63971,54512

NAME: LR70 CH EVSEND OR
ITEM TEXT: LAB => OE/RR ORDER MESSAGE EVENT
TYPE: extended action CREATOR: PROGRAMMER,ONE
ITEM: OR RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE
ITEM: EDP MONITOR
ITEM: HMP XQOR EVENTS
TIMESTAMP: 63971,54512

NAME: MDC OBSERVATION UPDATE
ITEM TEXT: Observation update notification
TYPE: extended action CREATOR: PROGRAMMER,ONE
PACKAGE: CLINICAL PROCEDURES
DESCRIPTION: This protocol will be triggered when an observation in the OBS file enters or leaves VERIFIED status.

The local array "MDCOBS" will be populated as follows:

```
MDCOBS("OBS_ID","E")="{35627230-5C66-49E3-AD93-97C269CB257D}"  
MDCOBS("OBS_ID","I")="{35627230-5C66-49E3-AD93-97C269CB257D}"  
MDCOBS("OLD_STATUS","E")="Verified" MDCOBS("OLD_STATUS","I")=1  
MDCOBS("PATIENT_ID","E")="SIMPSON,BARTHOLOMUE" MDCOBS("PATIENT_ID","I")=2  
MDCOBS("STATUS","E")="Unverified" MDCOBS("STATUS","I")=0
```

In case of an error, MDCOBS("ERROR") will be populated with the error number and error text from FileMan.

ITEM: HMP MDC EVENT
ENTRY ACTION: D EN^MDCPROTD TIMESTAMP: 63971,54512

NAME: OR EVSEND FH ITEM TEXT: OE/RR => DIET MESSAGE EVENT
TYPE: extended action CREATOR: PROGRAMMER,ONE
ITEM: FH RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE SEQUENCE: 2
ITEM: EDP OR MONITOR
ITEM: HMP NA EVENTS
TIMESTAMP: 63971,54512

NAME: OR EVSEND GMRC
ITEM TEXT: OE/RR => CONSULTS MESSAGE EVENT
TYPE: extended action CREATOR: PROGRAMMER,ONE
ITEM: GMRC RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE SEQUENCE: 2
ITEM: RMPR RECEIVE
ITEM: MD RECEIVE OR
ITEM: EDP OR MONITOR
ITEM: HMP NA EVENTS
TIMESTAMP: 63971,54512

NAME: OR EVSEND LRCH ITEM TEXT: OE/RR => LAB MESSAGE EVENT
TYPE: extended action CREATOR: PROGRAMMER,ONE
ITEM: LR70 CH RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE SEQUENCE: 2
ITEM: EDP OR MONITOR
ITEM: HMP NA EVENTS
TIMESTAMP: 63971,54512

NAME: OR EVSEND ORG
ITEM TEXT: OE/RR => GENERIC MESSAGE EVENT
TYPE: extended action CREATOR: PROGRAMMER,ONE
ITEM: OR RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE
ITEM: EDP MONITOR
ITEM: HMP XQOR EVENTS

M Triggers

TIMESTAMP: 63971,54512

NAME: OR EVSEND PS

ITEM TEXT: OE/RR => PHARMACY MESSAGE EVENT

TYPE: extended action

CREATOR: PROGRAMMER,ONE

ITEM: PS RECEIVE OR

SEQUENCE: 1

ITEM: OCX ORDER CHECK HL7 RECIEVE

SEQUENCE: 2

ITEM: EDP OR MONITOR

ITEM: HMP NA EVENTS

TIMESTAMP: 63971,54512

NAME: OR EVSEND RA

ITEM TEXT: OE/RR => RAD/NM MESSAGE EVENT

TYPE: extended action

CREATOR: PROGRAMMER,ONE

ITEM: RA RECEIVE

SEQUENCE: 1

ITEM: OCX ORDER CHECK HL7 RECIEVE

SEQUENCE: 2

ITEM: EDP OR MONITOR

ITEM: HMP NA EVENTS

TIMESTAMP: 63971,54512

NAME: OR EVSEND VPR

ITEM TEXT: OE/RR => VPR MESSAGE EVENT

TYPE: extended action

CREATOR: PROGRAMMER,ONE

ITEM: HMP XQOR EVENTS

TIMESTAMP: 63971,54512

NAME: PS EVSEND OR

ITEM TEXT: Send Pharmacy orders to CPRS.

TYPE: extended action

CREATOR: PROGRAMMER,ONE

PACKAGE: PHARMACY

DESCRIPTION: This protocol is for sending Inpatient and Outpatient Pharmacy orders to CPRS.

ITEM: OR RECEIVE

SEQUENCE: 1

ITEM: OCX ORDER CHECK HL7 RECIEVE

ITEM: IBAT TP RX

MNEMONIC: TP

SEQUENCE: 3

ITEM: PSB BCBU RECEIVE

SEQUENCE: 4

ITEM: EDP MONITOR

ITEM: HMP XQOR EVENTS

EXIT ACTION: K ^TMP("HLS",\$J,"PS"),PSOC,MSG

TIMESTAMP: 63971,54512

NAME: PSB EVSEND VPR

ITEM TEXT: MEDICATION ADMINISTRATION EVENTS

TYPE: extended action

CREATOR: PROGRAMMER,ONE

DESCRIPTION: The purpose of this protocol is to send notification of events that modify the BCMA MEDICATION LOG file (#53.79).

ITEM: HMP PSB EVENTS

TIMESTAMP: 63971,54512

NAME: PXK VISIT DATA EVENT

ITEM TEXT: VISIT RELATED DATA

TYPE: extended action

CREATOR: PROGRAMMER,ONE

DESCRIPTION: This is a Protocol that PIMS can hook onto to find the data that was collected by PCE using List Manager,Scanning etc.

PIMS has developed a protocol, SDAM PCE EVENT, which will use the visit related data to do an auto-checkout.

ITEM: IBDF PCE EVENT

ITEM: SDAM PCE EVENT

ITEM: PXR PATIENT DATA CHANGE

ITEM: ROR EVENT VISIT

ITEM: EAS UE PCE EVENT

ITEM: HMP PCE EVENTS

EXIT ACTION: K PXKSPX

ENTRY ACTION: S PXKSPX=1

TIMESTAMP: 63971,54512

NAME: RA EVSEND OR

ITEM TEXT: Radiology event sent to OE/RR

TYPE: extended action

CREATOR: PROGRAMMER,ONE

PACKAGE: RADIOLOGY/NUCLEAR MEDICINE

DESCRIPTION: Invoked when a request is created or changed by the

M Triggers

Radiology/Nuclear Medicine package (the "backdoor") and the data is passed to the Order Entry package, Version 3.0 or greater.

IDENTIFIER: RA EVSEND
ITEM: OR RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE
ITEM: EDP MONITOR
ITEM: HMP XQOR EVENTS
EXIT ACTION: K:\$L(\$G(RAVARBLE)) @RAVARBLE,RAVARBLE
TIMESTAMP: 63971,54512

NAME: SCMC PATIENT TEAM CHANGES

ITEM TEXT: PCMM Patient Team Update Event Driver
TYPE: extended action CREATOR: PROGRAMMER,ONE
PACKAGE: SCHEDULING
DESCRIPTION: This is fired off whenever the Patient Team Assignment File (#404.42) is updated.

Available Output Variables:

=====

SCPCTM = 1 if it this is a primary care team assignment, 0 otherwise
SCPTTMB4 = 0 Node of Patient Team Assignment (#404.42) Before SCPTTMAF = 0
Node of Patient Team Assignment (#404.42) After SCTMND4 = 0 Node of Team
(#404.51) Before SCTMNDAF = 0 Node of Team (#404.51) After SCPTTM =
Pointer to Patient Team Assignment (#404.42) SCTMBA = Pointer to Team
(404.51) Before SCTMAF = Pointer to Team (404.51) After

Notes:

- o The 7th piece of the Team File (i.e. \$P(SCTMND,U,7)) is a pointer to the institution file.
- o The 8th piece of the Patient Team Assignment File is the Assignment Type Field (#.08). Its internal value is '1' if it is a primary care assignment. Its value could be either null or '99'. '99' is 'Other'. You can check the variable, SCPCTM (1 or 0) to see if this is a primary care team assignment.

Note: Utility: \$\$INSTPCTM^SCAPMC(DFN,DATE,SCERR)

Input:

DFN - ien of PATIENT File (#2)
DATE - date to check (default=DT)
SCERR - error array (default=^TMP("SCERR",\$J)) - contains info about bad data. It is only set if there is bad data.

Returned:

0 if no Primary Care Team on Date or
SC4^Institution Name^SCTM^Team Name
SC4 = ien of Institution File
SCTM = ien of Team File

ITEM: SCMC PT TEAM CHANGE MAIL MESSAGE

ITEM: HMP PCMM TEAM
TIMESTAMP: 63971,54512

NAME: SCMC PATIENT TEAM POSITION CHANGES

ITEM TEXT: PCMM Patient Team Position Update Event Driver
TYPE: extended action CREATOR: PROGRAMMER,ONE
DESCRIPTION: This should be fired off whenever the PATIENT TEAM POSITION ASSIGNMENT file (#404.43) is updated

Protocol Name: SCMC Patient Team Position Changes, hang an entry off of this to use this protocol (I do not believe you will be using this one)

Description: This should be fired off whenever the PATIENT TEAM POSITION ASSIGNMENT file (#404.43)is updated.

Available Variables:

=====

SCPCTP = null or 0 if not a primary care assignment
1 if a primary care practitioner assignment
2 if a primary care attending assignment SCPTPB4 = 0 Node of

M Triggers

Patient Team Position Assignment (#404.43) Before SCPTTAPAF = 0 Node of Patient
Team Position Assignment (#404.43) After SCTMNDB4 = 0 Node of Team (#404.51)
Before SCTMNDAF = 0 Node of Team (#404.51) After SCTPNDB4 = 0 Node of Team
Position (#404.57) Before SCTPNDAF = 0 Node of Team Position (#404.57) After
SCPTTP = Pointer to Patient Team Position Assignment (#404.43) SCTPB4 =
Pointer to Team Position (404.57) Before SCTPAF = Pointer to Team Position
(404.57) After

ITEM: SCMC PT POSITION CHANGE MAIL MESSAGE

ITEM: HMP PCMM TEAM POSITION

TIMESTAMP: 63971,54512

DEFAULT WORD PROCESSING ANSWER:

NAME: SDAM APPOINTMENT EVENTS

ITEM TEXT: Appointment Event Driver

TYPE: extended action

CREATOR: PROGRAMMER,ONE

PACKAGE: SCHEDULING

DESCRIPTION: This extended action contains all the actions that need to be
performed when an action is taken upon an appointment, such as checking in.

ITEM: IBACM OP LINK

SEQUENCE: 1

ITEM: ORU PATIENT MOVMT

ITEM: DG MEANS TEST REQUIRED

ITEM: DVBA C&P SCHD EVENT

SEQUENCE: 8

ITEM: PXX SDAM TO V-FILES

ITEM: VAFH HL7 OUTPATIENT CAPTURE

ITEM: VAFH HL7 OUTPATIENT CAPTURE

ITEM: DGEN SD ENROLL PATIENT

ITEM: IVM SEND FINANCIAL QUERY

ITEM: EAS UE SCHED EVENT

ITEM: SDAM PFSS EVENT

SEQUENCE: 99

ITEM: SDAM APPT TYPE VALIDATION

ITEM: MAGD APPOINTMENT

ITEM: EDP CHECK-IN

ITEM: HMP APPT EVENTS

EXIT ACTION: D EN^SCDXHLDR

TIMESTAMP: 63971,54512

26 MATCHES FOUND.

B. Appendix 2 – Files

Table B-1 details the new/modified VA FileMan files that are exported with eHMP KIDS patches.

Table B-1 VA FileMan Files

VA FileMan Files			
STANDARD DATA DICTIONARY #800000 -- HMP SUBSCRIPTION FILE			
FEB 23, 2016@12:42:49 PAGE 1			
STORED IN ^HMP(800000, *** NO DATA STORED YET *** SITE: VEHU MASTER UCI: VI STA,ROU (VERSION 2.0)			
DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE

This file contains the data needed for eHMP data retrieval. The top level fields store information about servers known to eHMP. Each patient's subscription is stored in #800000.01 sub-file for a server			
DD ACCESS: @ RD ACCESS: @ WR ACCESS: @ DEL ACCESS: @ LAYGO ACCESS: @ AUDIT ACCESS: @			
(NOTE: Kernel's File Access Security has been installed in this UCI.)			
CROSS REFERENCED BY: SERVER(B)			
INDEXED BY: PATIENT NAME & STATUS (ADFN), OPERATION DATA (AITEM), NAME & ON (AROS)			
800000,.01	SERVER		0;1 FREE TEXT (Required)
INPUT TRANSFORM: K:\$L(X)>64!(\$L(X)<1)!'(X'?1P.E) X			
LAST EDITED: OCT 28, 2014			
HELP-PROMPT: Answer must be 1-64 characters in length.			
DESCRIPTION: This is the name of the client system that is subscribing to data updates.			
CROSS-REFERENCE: 800000^B			
1)= S ^HMP(800000,"B",\$E(X,1,64),DA)=""			
2)= K ^HMP(800000,"B",\$E(X,1,64),DA)			
Cross-reference, by DFN, of patients subscribed to eHMP.			
800000,.02	LASTUPDATE		0;2 FREE TEXT
INPUT TRANSFORM: K:\$L(X)>100!(\$L(X)<3) X			
LAST EDITED: OCT 28, 2014			
HELP-PROMPT: Answer must be 3-100 characters in length. (Do not modified)			
DESCRIPTION: This field holds a flag indicating if this URL should be notified via the nightly scheduled option HMP APPOINTMENTS of the list of patients expected to be seen tomorrow.			

VA FileMan Files

800000,.03 OPERATION DATA 0;3 SET

'0' FOR UNSUBSCRIBED;
 '1' FOR SUBSCRIBED;
 '2' FOR INITIALIZED;

LAST EDITED: OCT 28, 2014
 HELP-PROMPT: This field should not be edited manually without consulting the development team.

DESCRIPTION: This field holds a flag indicating if this URL should be notified via http when a patient is admitted.

FIELD INDEX: AITEM (#413) MUMPS IR ACTION
 Short Descr: Index of operational data by server
 Description: This cross-reference provides the index that is used to find operational data for each HMP server.

Set Logic: D HMPOSET^HMPDJFS(DA,X)
 Set Cond: I X(1)'=""
 Kill Logic: D HMPOKILL^HMPDJFS(DA)
 Kill Cond: I X(1)'=""
 Whole Kill: K ^HMP(800000,"AITEM")
 X(1): OPERATION DATA (800000,.03) (forwards)

800000,.04 REPEAT POLLS 0;4 NUMBER

INPUT TRANSFORM: K:+X'=X!(X>999999999)!(X<0)!(X?.E1"."1N.N) X
 LAST EDITED: OCT 28, 2014
 HELP-PROMPT: Type a number between 0 and 99999999, 0 decimal digits.

DESCRIPTION: This tracks the number of times the same "last update" value has been repeated. A high repeat may be normal if data are not changing.

800000,.05 DISK USAGE STATUS 0;5 SET

'0' FOR WITHIN LIMIT;
 '1' FOR EXCEEDED LIMIT;

LAST EDITED: JUN 24, 2015
 HELP-PROMPT: Enter current status of eHMP disk usage.
 DESCRIPTION: The DISK USAGE STATUS flag is an indicator set automatically in the eHMP subscription process. If the disk space usage in global ^XTMP by eHMP subscriptions is above the threshold in the HMP EXTRACT DISK SIZE LIMIT is exceeded this flag will be set. Similarly the flag is reset if usage later falls below the threshold.

TECHNICAL DESCR: The field is updated from subscription process by the STATUS^HMPMETA routine.

The field is referenced by the fetch process using CHECK^HMPMETA routine.

800000,.06 DISK USAGE STATUS TIME 0;6 DATE

INPUT TRANSFORM: S %DT="ESTXR" D ^%DT S X=Y K:X<1 X
 LAST EDITED: JUN 24, 2015
 HELP-PROMPT: Enter the time the DISK USAGE STATUS field was updated.

DESCRIPTION: The DISK USAGE STATUS TIME is a field set automatically in the eHMP subscription process. If the disk space usage in global ^XTMP by eHMP subscriptions is above the threshold in the HMP

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		EXTRACT DISK SIZE LIMIT is exceeded the DISK USAGE STATUS field will be set and the time of the change recorded in this field. Similarly the flag and time fields will be reset if usage later falls below the threshold.
	TECHNICAL DESCR:	The field is updated from subscription process by the STATUS^HMPMETA routine. The field is referenced by the fetch process using CHECK^HMPMETA routine.
800000,.1	URL	.1;1 FREE TEXT INPUT TRANSFORM: K:\$L(X)>250!(\$L(X)<1) X LAST EDITED: OCT 28, 2014 HELP-PROMPT: Answer must be 1-250 characters in length. DESCRIPTION: This is the fully specified URL to call when updates are available.
800000,1	PATIENT	1;0 POINTER Multiple #800000.01 DESCRIPTION: These are patients that will be monitored for new data and updates. INDEXED BY: STATUS & STATUS DATE-TIME (AP)
800000.01,.01	PATIENT NAME	0;1 POINTER TO PATIENT FILE (#2) (Multiply asked) INPUT TRANSFORM: S DINUM=X LAST EDITED: FEB 26, 2014 HELP-PROMPT: Enter the name of a patient to be tracked. DESCRIPTION: This is the name of the patient being monitored for new data. NOTES: XXXX--CAN'T BE ALTERED EXCEPT BY PROGRAMMER RECORD INDEXES: ADFN (#412) (WHOLE FILE #800000)
800000.01,2	STATUS	0;2 SET '0' FOR UNINITIALIZED; '1' FOR INITIALIZING; '2' FOR INITIALIZED; LAST EDITED: MAY 21, 2014 HELP-PROMPT: Enter the tracking status of a patient sync. (Do Not Modify) DESCRIPTION: This field tracks the initialization progress of the patient. When a patient is initially subscribed, they are added to this multiple. The status is "1" when the extracts start and "2" when they finish. At that point, freshness updates are moved into the stream. RECORD INDEXES: ADFN (#412) (WHOLE FILE #800000), AP (#415)
800000.01,3	STATUS DATE-TIME	0;3 DATE /LABEL INPUT TRANSFORM: S %DT="ESTXR" D ^%DT S X=Y K:Y<1 X LAST EDITED: NOV 16, 2015 HELP-PROMPT: Enter the date.time the status changed. DESCRIPTION: This is the date.time of the last change in

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```
extract status.

RECORD INDEXES:  AP (#415)

800000.01,4  ORDERS          1;0 POINTER Multiple #800000.14
              (Add New Entry without Asking)

DESCRIPTION:  All data in this sub-file are to be
              manipulated by software only. Users should
              not edit any data without consulting with the
              developers.

800000.14, .01  ORDER NUMBER      0;1 POINTER TO ORDER FILE (#100)

INPUT TRANSFORM: S DINUM=X
LAST EDITED:    NOV 02, 2015
HELP-PROMPT:    Enter the Order number.
DESCRIPTION:    All the data in this sub-file are entered
              programmatically.

              The data are used to create timestamps with
              seconds in order to correctly sequence
              orders that are sync'd with the eHMP
              system. Timestamps with seconds captured
              are necessary in order to sequence order
              activity when using the lastUpdateTime. The
              lastUpdateTime is passed with the order
              data during a sync operation. Currently the
              VA Order file (#100) only captures a
              timestamp that includes hrs and minutes but
              not seconds. It is possible for two
              activities such as saving and signing to
              occur in the same minute, without seconds
              added the activity timestamp it is
              impossible to determine which activity
              occurred first.

              The PURGE DATETIME is the date time to
              purge this record. The PURGE DATETIME is 24
              hours after the record is created. Purging
              the data after 24 hours will prevent the
              file from growing too large.

NOTES:          XXXX--CAN'T BE ALTERED EXCEPT BY PROGRAMMER

CROSS-REFERENCE: 800000.14^B
                  1)= S ^HMP(800000,DA(2),1,DA(1),1,"B",$(X,1,30
                  ),DA)=""

                  2)= K ^HMP(800000,DA(2),1,DA(1),1,"B",$(X,1,30
                  ),DA)

800000.14, .02  CREATE DATE/TIME  0;2 DATE

INPUT TRANSFORM:S %DT="ESTX" D ^%DT S X=Y K:Y<1 X
LAST EDITED:    DEC 16, 2015
HELP-PROMPT:    Enter the date and time the order was created.
DESCRIPTION:    The date/time to include seconds that the order
              was created. This field is entered
              programmatically.

800000.14, .03  SIGNED BY          0;3 POINTER TO NEW PERSON FILE (#200)

LAST EDITED:    DEC 16, 2015
```

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HELP-PROMPT: Enter the User who signed the order.
DESCRIPTION: The person signing the order. This field is entered programmatically.

800000.14,.04 SIGNED DATE/TIME 0;4 DATE

INPUT TRANSFORM:S %DT="ESTX" D ^%DT S X=Y K:Y<1 X
LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the date and time the order was signed.
DESCRIPTION: The date/time with seconds the order was signed. This field is entered programmatically.

800000.14,.05 VERIFYING NURSE 0;5 POINTER TO NEW PERSON FILE (#200)

LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the nurse who verified the order.
DESCRIPTION: The date/time, including seconds, the nurse verified the order. This field is entered programmatically.

800000.14,.06 NURSE VERIFY DATE/TIME 0;6 DATE

INPUT TRANSFORM:S %DT="ESTX" D ^%DT S X=Y K:Y<1 X
LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the date and time the nurse verified the order.
DESCRIPTION: The date/time, including seconds, the nurse verified the order. This field is entered programmatically.

800000.14,.07 VERIFYING CLERK 0;7 POINTER TO NEW PERSON FILE (#200)

LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the clerk who verified the order.
DESCRIPTION: The clerk who verified the order. This field is entered programmatically.

800000.14,.08 CLERK VERIFY DATE/TIME 0;8 DATE

INPUT TRANSFORM:S %DT="ESTX" D ^%DT S X=Y K:Y<1 X
LAST EDITED: DEC 17, 2015
HELP-PROMPT: Enter the date and time the clerk verified the order.
DESCRIPTION: The date/time, including seconds, the clerk verified the order. This field is entered programmatically.

800000.14,.09 REVIEWED BY 0;9 POINTER TO NEW PERSON FILE (#200)

LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the user who reviewed the order.
DESCRIPTION: The user who reviewed the order. This field is entered programmatically.

800000.14,.1 REVIEWED DATE/TIME 0;10 DATE

INPUT TRANSFORM:S %DT="ESTR" D ^%DT S X=Y K:Y<1 X
LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the date and time the order was reviewed.

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DESCRIPTION: The date/time, including seconds, the order was reviewed. This field is entered programmatically.

800000.14,.11 RELEASED BY 0;11 POINTER TO NEW PERSON FILE (#200)

LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the user who released the order.
DESCRIPTION: The user who released the order. This field is entered programmatically.

800000.14,.12 RELEASED DATE/TIME 0;12 DATE

INPUT TRANSFORM:S %DT="ESTX" D ^%DT S X=Y K:Y<1 X
LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the date and time the order was released.
DESCRIPTION: The date/time, including seconds, the order was released. This field is entered programmatically.

800000.14,.13 PURGE DATE/TIME 0;13 DATE

INPUT TRANSFORM:S %DT="EST" D ^%DT S X=Y K:Y<1 X
LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the date and time after which this entry can be purged.
DESCRIPTION: The earliest date/time the order data can be purged. This field is entered programmatically.

800000.14,.14 ORDER ACTION 0;14 SET

'NW' FOR NEW;
'DC' FOR DISCONTINUED;
'HD' FOR HOLD;
'RL' FOR RELEASE HOLD;
'XX' FOR CHANGE;
'VA' FOR VALIDATE;
'IP' FOR TRANSFERRED TO IP;
'OP' FOR TRANSFERRED TO OP;

LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the action performed on this order.
DESCRIPTION: The action taken on the order. This field is entered programmatically.

800000.14,.15 ACTION DATE/TIME 0;15 DATE

INPUT TRANSFORM:S %DT="EST" D ^%DT S X=Y K:Y<1 X
LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the date and time this order action was performed.
DESCRIPTION: The date/time of the order action. This field is entered programmatically.

800000.14,1.01 TRACKING START 1;1 DATE

INPUT TRANSFORM:S %DT="ESTX" D ^%DT S X=Y K:Y<1 X
LAST EDITED: JAN 26, 2016
HELP-PROMPT: Enter the date and time that eHMP started tracking this Order.
DESCRIPTION: This field is set to NOW when the Order is

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first added to this sub-file. It is uneditable.

UNEDITABLE

800000.14,2 ORDER FLAG/UNFLAG DATE/TIME 2;0 DATE Multiple #800000.142
(Add New Entry without Asking)

LAST EDITED: DEC 16, 2015
DESCRIPTION: This sub-file contains flagging /unflagging actions on orders.

800000.142,.01 ORDER FLAG/UNFLAG DATE/TIME 0;1 DATE

INPUT TRANSFORM:S %DT="ESTR" D ^%DT S X=Y K:Y<1 X
LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the date and time the order was flagged or unflagged.
DESCRIPTION: This is the date/time with seconds that an order was flagged /unflagged. This field is entered programmatically. An order can be flagged or unflagged multiple times.

CROSS-REFERENCE:800000.142^B
1)= S ^HMP(800000,DA(3),1,DA(2),1,DA(1),2,"B", \$E(X,1,30),DA)=""
2)= K ^HMP(800000,DA(3),1,DA(2),1,DA(1),2,"B", \$E(X,1,30),DA)

800000.142,.02 FLAG ACTION 0;2 SET

'F' FOR FLAGGED;
'U' FOR UNFLAGGED;
LAST EDITED: DEC 16, 2015
HELP-PROMPT:Indicate whether the order was flagged or unflagged.
DESCRIPTION:The date/time, with seconds, the order was flagged /unflagged. This field is entered programmatically.

800000.142,.03 FLAG/UNFLAG USER 0;3 POINTER TO NEW PERSON FILE (#200)

LAST EDITED: DEC 16, 2015
HELP-PROMPT:Enter the user who flagged or unflagged the order.
DESCRIPTION:The user who flagged /unflagged the order. This field is entered programmatically.

800000.142,.04 FLAG/UNFLAG REASON 0;4 FREE TEXT

REASON FOR FLAGGING /UNFLAGGING
INPUT TRANSFORM:K:\$L(X)>80!(\$L(X)<1) X
LAST EDITED: DEC 16, 2015
HELP-PROMPT:Answer must be 1-80 characters.
DESCRIPTION:This is why the order was flagged /unflagged. This field is entered programmatically.

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800000,2 ROSTER 2;0 POINTER Multiple #800000.02

LAST EDITED: APR 17, 2013
 DESCRIPTION: These are rosters that will be monitored for new patients and updates.

800000.02,.01 NAME 0;1 POINTER TO HMP ROSTER FILE (#800001.2) (Multiply asked)

INPUT TRANSFORM: S DINUM=X
 LAST EDITED: APR 17, 2013
 HELP-PROMPT: Enter the name of a roster to be tracked.
 DESCRIPTION: This is the name of the roster being monitored for new patients.

NOTES: XXXX--CAN'T BE ALTERED EXCEPT BY PROGRAMMER

RECORD INDEXES: AROS (#414) (WHOLE FILE #800000)

800000.02,2 ON 0;2 SET

'1' FOR YES;
 '0' FOR NO;

LAST EDITED: APR 17, 2013
 HELP-PROMPT: Enter YES to turn on data tracking for this roster.
 DESCRIPTION: This field turns on the Data Monitor for this roster and client system. If ON=true, a new snapshot of this roster will be sent to the client when new data updates are requested.

RECORD INDEXES: AROS (#414) (WHOLE FILE #800000)

800000,91 CONCURRENT UPDATE CALLS 91;1 NUMBER

INPUT TRANSFORM: K:+X'=X!(X>999)!(X<0)!(X?.E1"."1N.N) X
 LAST EDITED: FEB 18, 2015
 HELP-PROMPT: Type a number between 0 and 999, 0 decimal digits.
 DESCRIPTION: This field is used to track the number of simultaneous calls to getPtUpdates in API^HMPDJFS. This allows checkHealth to report if a getPtUpdates RPC is in progress.

FILES POINTED TO	FIELDS
HMP ROSTER (#800001.2)	ROSTER:NAME (#.01)
NEW PERSON (#200)	ORDERS:SIGNED BY (#.03) VERIFYING NURSE (#.05) VERIFYING CLERK (#.07) REVIEWED BY (#.09) RELEASED BY (#.11) ORDER FLAG/UNFLAG DATE/TIME:FLAG/UNFLAG USER (#.03)
ORDER (#100)	ORDERS:ORDER NUMBER (#.01)
PATIENT (#2)	PATIENT:PATIENT NAME (#.01)

VA FileMan Files

Subfile #800000.01

Record Indexes:

ADFN (#412) RECORD MUMPS IR SORTING ONLY WHOLE FILE (#800000)

Short Descr: Patients to track in the Data Monitor

Description: This index will place the entry in the data monitor for this PATIENT.

Set Logic: D HMPSET^HMPDJFS(.DA,.X)

Set Cond: S X=0 I +X(1)>0 S X=1

Kill Logic: D HMPKILL^HMPDJFS(.DA,.X)

Kill Cond: S X=0 I X(1)'="" S X=1

Whole Kill: K ^HMP(800000,"AITEM")

X(1): PATIENT NAME (800000.01,.01) (Subscr 1) (forwards)

X(2): STATUS (800000.01,2) (forwards)

AP (#415) RECORD REGULAR IR SORTING ONLY

Short Descr: Subscribed patients by server not yet initialized.

Description: This index lists the patients who are not yet initialized:

SERVER_IEN, "AP", STATUS, STATUS TIME, DFN

Patients with an initialized status (STATUS = 2) do not appear in this index.

Set Logic: S ^HMP(800000,DA(1),1,"AP",X(1),X(2),DA)=""

Set Cond: S X=(+X2(1)<2)

Kill Logic: K ^HMP(800000,DA(1),1,"AP",X(1),X(2),DA)

Whole Kill: K ^HMP(800000,DA(1),1,"AP")

X(1): STATUS (800000.01,2) (Subscr 1) (forwards)

X(2): STATUS DATE-TIME (800000.01,3) (Subscr 2) (forwards)

Subfile #800000.02

Record Indexes:

AROS (#414) RECORD MUMPS IR SORTING ONLY WHOLE FILE (#800000)

Short Descr: Rosters to track in the Data Monitor

Description: Cross-reference of rosters for groups of patients on wards.

Set Logic: S:X2(2) ^HMP(800000,"AROS",X,DA(1))=""

Kill Logic: K:X1(2) ^HMP(800000,"AROS",X,DA(1))

Whole Kill: K ^HMP(800000,"AROS")

X(1): NAME (800000.02,.01) (Subscr 1) (forwards)

X(2): ON (800000.02,2) (Subscr 2)

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800000.1 -- HMP PATIENT OBJECT FILE

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STORED IN ^HMP(800000.1, *** NO DATA STORED YET *** SITE: VEHU MASTER UCI:
VISTA,ROU (VERSION 2.0)

DATA	NAME	GLOBAL	DATA
ELEMENT	TITLE	LOCATION	TYPE

This file is used when transferring specific patient objects to JDS.

DD ACCESS: @

VA FileMan Files

RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

CROSS

REFERENCED BY: UID(B)

INDEXED BY: PATIENT & COLLECTION (C)

800000.1,.01 UID 0;1 FREE TEXT (Required)

INPUT TRANSFORM: K:\$L(X)>63!(\$L(X)<3)!'(X'?1P.E) X
LAST EDITED: AUG 12, 2015
HELP-PROMPT: Answer must be 3-63 characters in length.
DESCRIPTION: The fully specified Universal ID string for
this object.

TECHNICAL DESCR: urn:va:{systemId}:{DFN}:{collection}:{ien}

CROSS-REFERENCE: 800000.1^B
1)= S ^HMP(800000.1,"B",\$E(X,1,63),DA)=""
2)= K ^HMP(800000.1,"B",\$E(X,1,63),DA)
Index of COLLECTION by PATIENT (DFN).

800000.1,.02 PATIENT 0;2 POINTER TO PATIENT FILE (#2)
(Required)

LAST EDITED: NOV 29, 2012
HELP-PROMPT: Enter the patient that owns this object.
DESCRIPTION:

Patient file #2 ien

RECORD INDEXES: C (#416)

800000.1,.03 COLLECTION 0;3 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>30!(\$L(X)<3) X
LAST EDITED: NOV 29, 2012
HELP-PROMPT: Answer must be 3-30 characters in length.
DESCRIPTION: The name of the type or kind of data this
object belongs to.

RECORD INDEXES: C (#416)

800000.1,1 DATA 1;0 WORD-PROCESSING #800000.101
(IGNORE "|")

FILES POINTED TO

FIELDS

PATIENT (#2)

PATIENT (#.02)

File #800000.1

Record Indexes:

VA FileMan Files

C (#416) RECORD REGULAR IR LOOKUP & SORTING
Short Descr: Index by patient, collection
Description: Index by patient, collection.
Set Logic: S ^HMP(800000.1,"C",X(1),X(2),DA)=""
Kill Logic: K ^HMP(800000.1,"C",X(1),X(2),DA)
Whole Kill: K ^HMP(800000.1,"C")
X(1): PATIENT (800000.1,.02) (Subscr 1) (forwards)
X(2): COLLECTION (800000.1,.03) (Subscr 2) (forwards)

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800000.11 -- HMP OBJECT FILE

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STORED IN ^HMP(800000.11, *** NO DATA STORED YET *** SITE: VEHU MASTER UCI:
VISTA,ROU (VERSION 2.0)

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
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This file is a staging area for JSON uid objects.

DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

CROSS

REFERENCED BY: COLLECTION(ACNT), UID(B), COLLECTION(C)

800000.11,.01 UID 0;1 FREE TEXT (Required)

INPUT TRANSFORM: K:\$L(X)>63!(\$L(X)<3)!'(X'?1P.E) X
LAST EDITED: NOV 29, 2012
HELP-PROMPT: Answer must be 3-63 characters in length.
DESCRIPTION: The fully specified Universal ID string for this object.

TECHNICAL DESCR: urn:va:{collection}:{systemId}:{ien}

CROSS-REFERENCE: 800000.11^B
1)= S ^HMP(800000.11,"B", \$E(X,1,63),DA)=""
2)= K ^HMP(800000.11,"B", \$E(X,1,63),DA)
Cross-reference by Universal Identifier (UID).

800000.11,.03 COLLECTION 0;3 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>30!(\$L(X)<3) X
LAST EDITED: MAY 03, 2014
HELP-PROMPT: Answer must be 3-30 characters in length.
DESCRIPTION: The name of the type or kind of data this object belongs to.

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CROSS-REFERENCE: 800000.11^C
1)= S ^HMP(800000.11,"C", \$E(X,1,30),DA)=""
2)= K ^HMP(800000.11,"C", \$E(X,1,30),DA)
Cross-reference by collection, Vista extracted domains.

CROSS-REFERENCE: 800000.11^ACNT^MUMPS
1)= S ^HMP(800000.11,"ACNT", \$E(X,1,30))=\$G(^HMP(800000.11,"ACNT", \$E(X,1,30)))+1
2)= S ^HMP(800000.11,"ACNT", \$E(X,1,30))=\$G(^HMP(800000.11,"ACNT", \$E(X,1,30)))-1
Maintain a count of the number of items in each collection.

800000.11,1 DATA 1;0 WORD-PROCESSING #800000.111
(IGNORE "|")

DESCRIPTION: Actual Vista domain data to be transmitted.

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800000.2 -- HMP LIST FILE

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STORED IN ^HMPD(800000.2, *** NO DATA STORED YET *** SITE: VEHU MASTER UCI:
VISTA,ROU (VERSION 2.0)

DATA	NAME	GLOBAL	DATA
ELEMENT	TITLE	LOCATION	TYPE

A translation table for use by eHMP to connect Vista data domains to JSON objects for transmission.

DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

CROSS

REFERENCED BY: DD NUMBER(ADD), REFRESH THRESHOLD(AREFRESH), NAME(B)

800000.2,.01 NAME 0;1 FREE TEXT (Required)

INPUT TRANSFORM: K:\$L(X)>30!(\$L(X)<3)!'(X'?1P.E) X
LAST EDITED: SEP 23, 2015
HELP-PROMPT: Answer must be 3-30 characters in length.
DESCRIPTION: This is the name of the HMP List.

CROSS-REFERENCE: 800000.2^B

VA FileMan Files

1)= S ^HMPD(800000.2,"B", \$E(X,1,30),DA)=""
 2)= K ^HMPD(800000.2,"B", \$E(X,1,30),DA)
 Cross-reference by VistA domain name.

800000.2,.02 TYPE 0;2 SET

'0' FOR STATIC;
 '1' FOR DYNAMIC;

LAST EDITED: OCT 11, 2012
 HELP-PROMPT: This field should not be edited manually
 without consulting the development team.
 DESCRIPTION: This field defines a data entry as static or
 dynamic.

800000.2,.03 DD NUMBER 0;3 NUMBER

INPUT TRANSFORM: K:+X'=X!(X>99999999)!(X<1)!(X?.E1"."6N.N) X
 LAST EDITED: OCT 22, 2012
 HELP-PROMPT: Type a number between 1 and 99999999, 5 decimal
 digits.
 DESCRIPTION: This is the NUMBER of the File being
 referenced.

CROSS-REFERENCE: 800000.2^ADD
 1)= S ^HMPD(800000.2,"ADD", \$E(X,1,30),DA)=""
 2)= K ^HMPD(800000.2,"ADD", \$E(X,1,30),DA)
 Cross-reference by the File's Data Dictionary
 number.

800000.2,.04 DOMAIN 0;4 POINTER TO HMP LIST DOMAIN FILE (#8000
 00.21) (Required)

LAST EDITED: OCT 31, 2012
 HELP-PROMPT: Enter a VistA data domain from the HMP LIST
 DOMAIN File.
 DESCRIPTION: A VistA data domain from the HMP LIST DOMAIN
 File.

800000.2,.05 ATTRIBUTE 0;5 POINTER TO HMP LIST ATTRIBUTE FILE (#8
 00000.22) (Required)

LAST EDITED: NOV 07, 2012
 HELP-PROMPT: Enter an ATTRIBUTE from the HMP LIST ATTRIBUTE
 File.
 DESCRIPTION: This is a pointer to the HMP ATTRIBUTE File.

800000.2,.08 REFRESH THRESHOLD 0;8 NUMBER

INPUT TRANSFORM: K:+X'=X!(X>1440)!(X<0)!(X?.E1"."1N.N) X
 LAST EDITED: OCT 31, 2012
 HELP-PROMPT: Type a number between 0 and 1440, 0 decimal
 digits.
 DESCRIPTION: Amount of time, in days, required to pass
 before an automatic refresh will occur.

CROSS-REFERENCE: 800000.2^AREFRESH
 1)= S ^HMPD(800000.2,"AREFRESH", \$E(X,1,30),DA)=""
 ""

VA FileMan Files

2)= K ^HMPD(800000.2,"AREFRESH",\$E(X,1,30),DA)
Cross-reference by time (in days) until a refresh happens.

800000.2,.09 NEXT REFRESH DATE 0;9 DATE

INPUT TRANSFORM: S %DT="ETXR" D ^%DT S X=Y K:Y<1 X
LAST EDITED: SEP 23, 2015
HELP-PROMPT: Enter a date up to T+1440.
DESCRIPTION: Date of next refresh based on the value of REFRESH THRESHOLD.

800000.2,.11 GENERATION CODE .11;E1,245 MUMPS

INPUT TRANSFORM: K:\$L(X)>245 X D:\$D(X) ^DIM
LAST EDITED: OCT 11, 2012
HELP-PROMPT: This is Standard MUMPS code.
DESCRIPTION: MUMPS code to implement the refresh of a domain.

WRITE AUTHORITY: @

800000.2,.2 COLUMNS 2;0 Multiple #800000.202

DESCRIPTION: These are references to data which will be extracted.

800000.202,.01 COLUMN NAME 0;1 FREE TEXT (Multiply asked)

INPUT TRANSFORM: K:\$L(X)>30!(\$L(X)<3)!'(X?1UL.29ULN) X
LAST EDITED: OCT 15, 2014
HELP-PROMPT: Answer must be 3-30 characters in length.
DESCRIPTION: Name of the data column to be extracted.

CROSS-REFERENCE: 800000.202^B
1)= S ^HMPD(800000.2,DA(1),2,"B",\$E(X,1,30),DA)
=""
2)= K ^HMPD(800000.2,DA(1),2,"B",\$E(X,1,30),DA)
COLUMN cross-reference by name.

800000.202,.02 ORDER 0;2 NUMBER (Required)

INPUT TRANSFORM:K:+X'=X!(X>99)!(X<3)!(X?.E1"."1N.N) X
LAST EDITED: OCT 31, 2012
HELP-PROMPT: Type a number between 3 and 99, 0 decimal digits.
DESCRIPTION: Order in which data columns will be extracted.

CROSS-REFERENCE:800000.202^AORD
1)= S ^HMPD(800000.2,DA(1),2,"AORD",\$E(X,1,30),DA)=""
2)= K ^HMPD(800000.2,DA(1),2,"AORD",\$E(X,1,30),DA)
Cross-reference of data column extraction order.

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800000.2,.3 DESCRIPTION 3;0 WORD-PROCESSING #800000.203
(NOWRAP) (IGNORE "|")

LAST EDITED: NOV 17, 2015
DESCRIPTION: Description of the data to be extracted.

800000.2,.9 DATA 9;0 WORD-PROCESSING #800000.209
(NOWRAP) (IGNORE "|")

LAST EDITED: NOV 17, 2015
DESCRIPTION: The actual data being sent.

FILES POINTED TO	FIELDS
HMP LIST ATTRIBUTE (#800000.22)	ATTRIBUTE (#.05)
HMP LIST DOMAIN (#800000.21)	DOMAIN (#.04)

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800000.21 -- HMP LIST DOMAIN FILE
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STORED IN ^HMPD(800000.21, (10 ENTRIES) SITE: VEHU MASTER UCI: VISTA,ROU (V
ERSION 2.0)

DATA	NAME	GLOBAL	DATA
ELEMENT	TITLE	LOCATION	TYPE

This File contains the extraction domains which can be transmitted.

DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

POINTED TO BY: DOMAIN field (#.04) of the HMP LIST File (#800000.2)

CROSS
REFERENCED BY: NAME(B)

800000.21,.01 NAME 0;1 FREE TEXT (Required)

INPUT TRANSFORM: K:\$L(X)>30!(\$L(X)<3)!'(X'?1P.E) X
LAST EDITED: SEP 23, 2015
HELP-PROMPT: Answer must be 3-30 characters in length.

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DESCRIPTION: This is the name of a Vista data domain which can be extracted for transmission.

CROSS-REFERENCE: 800000.21^B
1)= S ^HMPD(800000.21,"B", \$E(X,1,30),DA)=""
2)= K ^HMPD(800000.21,"B", \$E(X,1,30),DA)
The name cross-reference by its domain.

800000.21,.02 ABBREVIATION 0;2 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>10!(\$L(X)<1) X
LAST EDITED: OCT 31, 2012
HELP-PROMPT: Answer must be 1-10 characters in length.
DESCRIPTION: This is the short name of the Vista data domain.

800000.21,.03 DISPLAY NAME 0;3 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>50!(\$L(X)<1) X
LAST EDITED: OCT 31, 2012
HELP-PROMPT: Answer must be 1-50 characters in length.
DESCRIPTION: This is the actual name of the Vista data domain.

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800000.22 -- HMP LIST ATTRIBUTE FILE

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STORED IN ^HMPD(800000.22, (10 ENTRIES) SITE: VEHU MASTER UCI: VISTA,ROU (VERSION 2.0)

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
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This file contains a list of the attributes of the eHMP data domains.

DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

POINTED TO BY: ATTRIBUTE field (#.05) of the HMP LIST File (#800000.2)

CROSS

REFERENCED BY: NAME(B)

800000.22,.01 NAME 0;1 FREE TEXT (Required)

INPUT TRANSFORM: K:\$L(X)>30!(\$L(X)<3)!'(X'?1P.E) X
LAST EDITED: SEP 23, 2015

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HELP-PROMPT: Answer must be 3-30 characters in length.
DESCRIPTION: This is the name of an eHMP data domain's attribute.

CROSS-REFERENCE: 800000.22^B
1)= S ^HMPD(800000.22,"B",\$(X,1,30),DA)=""
2)= K ^HMPD(800000.22,"B",\$(X,1,30),DA)
This is the cross-reference of the attribute by its name.

800000.22,.02 ABBREVIATION 0;2 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>10!(\$L(X)<1) X
LAST EDITED: OCT 31, 2012
HELP-PROMPT: Answer must be 1-10 characters in length.
DESCRIPTION: This is the short name of an eHMP data domain's attribute.

800000.22,.03 DISPLAY NAME 0;3 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>50!(\$L(X)<1) X
LAST EDITED: OCT 31, 2012
HELP-PROMPT: Answer must be 1-50 characters in length.
DESCRIPTION: This is the actual name of an eHMP data domain's attribute.

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800001 -- HMP PANEL FILE

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STORED IN ^HMPPANEL(*** NO DATA STORED YET *** SITE: VEHU MASTER UCI: VIST
A,ROU (VERSION 2.0)

DATA	NAME	GLOBAL	DATA
ELEMENT	TITLE	LOCATION	TYPE

Contains the Rule Sets that contain the cohorts for creating patient panels.
For example, panel which includes Diabetic patients will be created nightly to
update the list of patients. All panels in this file will be updated nightly.

DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

POINTED TO BY: SOURCE field (#.02) of the SOURCES sub-field (#800001.21) of the
HMP ROSTER File (#800001.2)

CROSS
REFERENCED BY: NAME(B), PATIENT LIST NAME(C)

VA FileMan Files

800001,.01 NAME 0;1 POINTER TO REMINDER LIST RULE FILE (#8 10.4) (Required)

INPUT TRANSFORM: S DIC("S")="I \$P(^0),U,3)=3" D ^DIC K DIC S DI C=DIE,X=+Y K:Y<0 X

LAST EDITED: JUN 29, 2011

HELP-PROMPT: Enter a Reminder List Rule.

DESCRIPTION: This is the name of an applied rule set.

SCREEN: S DIC("S")="I \$P(^0),U,3)=3"

EXPLANATION: Only select RULE SET types

CROSS-REFERENCE: 800001^B
 1)= S ^HMPPANEL("B",\$E(X,1,30),DA)=""
 2)= K ^HMPPANEL("B",\$E(X,1,30),DA)
 This is the cross-reference of rule sets by name.

800001,.02 DISPLAY NAME 0;2 FREE TEXT (Required)

INPUT TRANSFORM: K:\$L(X)>50!(\$L(X)<3) X

LAST EDITED: JUN 30, 2011

HELP-PROMPT: Answer must be 3-50 characters in length.

DESCRIPTION: This is the full name of the applied rule set.

800001,.03 PATIENT LIST NAME 0;3 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>40!(\$L(X)<3) X

LAST EDITED: OCT 06, 2011

HELP-PROMPT: Answer must be 3-40 characters in length.

DESCRIPTION: This is the name of the patient list.

CROSS-REFERENCE: 800001^C
 1)= S ^HMPPANEL("C",\$E(X,1,30),DA)=""
 2)= K ^HMPPANEL("C",\$E(X,1,30),DA)
 This is the cross-reference by the name of the patient list.

800001,5 ORDER DIALOGS ORDER DIALOGS;0 POINTER Multiple #800001.0 5

DESCRIPTION: This sub-file contains ORDER DIALOG entries.

800001.05,.01 ORDER DIALOGS 0;1 POINTER TO ORDER DIALOG FILE (#101.4 1) (Multiply asked)

LAST EDITED: JUN 29, 2011

HELP-PROMPT: Select an entry in the ORDER DIALOG File.

DESCRIPTION: This is the IEN of an entry in the ORDER DIALOG File. LAYGO is not allowed, the ORDER DIALOG must be created first.

CROSS-REFERENCE: 800001.05^B
 1)= S ^HMPPANEL(DA(1),"ORDER DIALOGS","B",\$E(X,1,30),DA)=""
 2)= K ^HMPPANEL(DA(1),"ORDER DIALOGS","B",\$E(X,

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1,30),DA)
This is the cross-reference by the name of the
order dialog.

FILES POINTED TO	FIELDS
ORDER DIALOG (#101.41)	ORDER DIALOGS:ORDER DIALOGS (#.01)
REMINDER LIST RULE (#810.4)	NAME (#.01)

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800001.2 -- HMP ROSTER FILE
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STORED IN ^HMPROSTR(800001.2, *** NO DATA STORED YET *** SITE: VEHU MASTER
UCI: VISTA,ROU (VERSION 2.0)

DATA	NAME	GLOBAL	DATA
ELEMENT	TITLE	LOCATION	TYPE

This file contains eHMP rosters which can be used by subscribed patients.

DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

POINTED TO BY: NAME field (#.01) of the ROSTER sub-field (#800000.02) of the
HMP SUBSCRIPTION File (#800000)
SOURCE field (#.02) of the SOURCES sub-field (#800001.21) of the
HMP ROSTER File (#800001.2)

CROSS
REFERENCED BY: PATIENT(AB), OWNER(AC), SOURCE(AD), TIMESTAMP(ATS), NAME(B)

800001.2,.01 NAME 0;1 FREE TEXT (Required)

INPUT TRANSFORM: K:\$L(X)>104!(\$L(X)<3)!'(X'?1P.E) X
LAST EDITED: FEB 20, 2013
HELP-PROMPT: Answer must be 3-104 characters in length.
DESCRIPTION: This is the name of an eHMP roster.

CROSS-REFERENCE: 800001.2^B
1)= S ^HMPROSTR(800001.2,"B", \$E(X,1,30),DA)=""
2)= K ^HMPROSTR(800001.2,"B", \$E(X,1,30),DA)
This is the cross-reference of eHMP rosters by
name.

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800001.2,.02 DISPLAY NAME 0;2 FREE TEXT
INPUT TRANSFORM: K:\$L(X)>45!(\$L(X)<3) X
LAST EDITED: AUG 30, 2011
HELP-PROMPT: Answer must be 3-45 characters in length.
DESCRIPTION: This is the actual name of an eHMP roster.

800001.2,.03 DISABLE 0;3 SET
LAST EDITED: '1' FOR YES;
AUG 30, 2011
HELP-PROMPT: Enter '1' or 'Yes' to disable this roster.
DESCRIPTION: This is a setting to disable an eHMP roster.

800001.2,.04 OWNER 0;4 POINTER TO NEW PERSON FILE (#200)
LAST EDITED: JAN 05, 2012
HELP-PROMPT: Enter the owner of this roster.
DESCRIPTION: This is the DUZ of the HMP roster's owner.
CROSS-REFERENCE: 800001.2^AC
1)= S ^HMPROSTR(800001.2,"AC",\$E(X,1,30),DA)=""
2)= K ^HMPROSTR(800001.2,"AC",\$E(X,1,30),DA)
Cross-reference of rosters by owner.

800001.2,.05 TYPE 0;5 SET (Required)
LAST EDITED: 'PU' FOR PUBLIC;
NOV 15, 2011 'PR' FOR PRIVATE;
HELP-PROMPT: Enter internally stored code for type of HMP
roster.
DESCRIPTION: The type of an HMP roster.

800001.2,.06 PATIENT LIST NAME 0;6 FREE TEXT
INPUT TRANSFORM: K:\$L(X)>40!(\$L(X)<3) X
LAST EDITED: JAN 20, 2012
HELP-PROMPT: Answer must be 3-40 characters in length.
DESCRIPTION: The file containing the patient list names.

800001.2,1 SOURCES 1;0 Multiple #800001.21
DESCRIPTION: The sources of the patient list.
INDEXED BY: (AC)

800001.21,.01 SEQUENCE 0;1 NUMBER (Multiply asked)
INPUT TRANSFORM: K:+X'=X!(X>99999999)!(X<1)!(X?.E1"."1N.N) X
LAST EDITED: SEP 23, 2015

VA FileMan Files

HELP-PROMPT: Type a number between 1 and 99999999, 0 decimal digits.

DESCRIPTION: The sequence number of a patient list source.

CROSS-REFERENCE: 800001.21^B

1)= S ^HMPROSTR(800001.2,DA(1),1,"B",\$(X,1,30),DA)=""

2)= K ^HMPROSTR(800001.2,DA(1),1,"B",\$(X,1,30),DA)

The name cross-reference of patient lists.

CROSS-REFERENCE:800001.21^AS

1)= S ^HMPROSTR(800001.2,DA(1),1,"AS",\$(X,1,30),DA)=""

2)= K ^HMPROSTR(800001.2,DA(1),1,"AS",\$(X,1,30),DA)

The sequence cross-reference of patient lists.

800001.21,.02 SOURCE 0;2 VARIABLE POINTER (Required)

FILE	ORDER	PREFIX	LAYGO	MESSAGE
	2	1	PAT	n PATIENT
	42	2	WARD	n WARD LOCATION
	44	3	CL	n CLINIC
	200	5	PROV	n PROVIDER
100.21	6	CPRS	n	CPRS
404.51	7	PCMM	n	PCMM TEAM
810.4	22	PXRM	n	REMINDER'S LIST RULE FILE
800001.2	9	ROST	n	HMP ROSTER FILE
45.7	70	SPEC	n	SPECIALTY
800001	80	HMPPAN	n	Select HMP Panel List Rule

SCREEN ON FILE 2:

SCREEN ON FILE 42:

SCREEN ON FILE 44:

SCREEN ON FILE 200:

SCREEN ON FILE 100.21:

SCREEN ON FILE 404.51:

SCREEN ON FILE 810.4: S DIC("S")="I \$P(^(),U,3)=3"

LAST EDITED: NOV 26, 2013

HELP-PROMPT: Enter the file which will be the source for this roster.

DESCRIPTION: The source of the patient list.

CROSS-REFERENCE:800001.2^AD

1)= S ^HMPROSTR(800001.2,"AD",\$(X,1,30),DA(1),DA)=""

2)= K ^HMPROSTR(800001.2,"AD",\$(X,1,30),DA(1),DA)

The file number cross-reference of patient lists.

800001.21,.03 OPERATION 0;3 SET

'0' FOR UNION;
'1' FOR INTERSECTION;

VA FileMan Files

'2' FOR DIFFERENCE;
 LAST EDITED: AUG 30, 2011
 HELP-PROMPT: This code is used to determine which operation is to be performed on the Patient List.
 DESCRIPTION: This is the type of operation to be performed on the patient list file.

800001.21,.04 FILTER 0;4 SET

'T' FOR TODAY;
 LAST EDITED: SEP 01, 2011
 HELP-PROMPT: Enter 'T' to set the filter.
 DESCRIPTION: This is a date filter for the patient list file.

800001.21,.05 REFRESH FREQUENCY 0;5 SET

'D' FOR DAILY;
 'H' FOR HOURLY;
 LAST EDITED: JAN 19, 2012
 HELP-PROMPT: This code is used to specify the refresh rate for the Patient List.
 DESCRIPTION: The frequency by which to refresh the patient list.

800001.2,2 SPECIAL HANDLING 3;E1,245 MUMPS

INPUT TRANSFORM: K:\$L(X)>245 X D:\$D(X) ^DIM
 LAST EDITED: JAN 03, 2012
 HELP-PROMPT: XXXX--CAN'T BE ALTERED EXCEPT BY PROGRAMMER.
 DESCRIPTION: This is MUMPS code for filtering and refreshing patient lists.

WRITE AUTHORITY: @

800001.2,3 PATIENT 4;0 POINTER Multiple #800001.23

DESCRIPTION: Patients which are members of this roster.

800001.23,.01 PATIENT 0;1 POINTER TO PATIENT FILE (#2)
 (Multiply asked)

LAST EDITED: DEC 20, 2012
 HELP-PROMPT: Select an entry from the PATIENT File (#2).
 DESCRIPTION: This field identifies a roster member patient by its DFN in the PATIENT File (#2).

CROSS-REFERENCE: 800001.23^B
 1)= S ^HMPROSTR(800001.2,DA(1),4,"B",\$E(X,1,30),DA)=""
 2)= K ^HMPROSTR(800001.2,DA(1),4,"B",\$E(X,1,30),DA)
 HMP Roster File cross-reference by patient name.

CROSS-REFERENCE: 800001.2^AB
 1)= S ^HMPROSTR(800001.2,"AB",\$E(X,1,30),DA(1),DA)=""

VA FileMan Files

2)= K ^HMPROSTR(800001.2,"AB", \$E(X,1,30),DA(1),
DA)
Index of all rosters patient is in.

800001.23,.02 SRCSEQ 0;2 NUMBER

INPUT TRANSFORM:K:+X'=X!(X>999999)!(X<1)!(X?.E1"."1N.N) X
LAST EDITED: JUL 17, 2013
HELP-PROMPT: Type a number between 1 and 999999, 0 decimal
digits.
DESCRIPTION: The sequence number of this patient roster.

800001.2,99 TIMESTAMP 2;1 DATE

INPUT TRANSFORM: S %DT="ESTXR" D ^%DT S X=Y K:Y<1 X
LAST EDITED: SEP 23, 2015
HELP-PROMPT: Type a date not earlier than AUG 30,
2011@08:39.
DESCRIPTION: The date.time of a patient's entry in the HMP
Roster file.
CROSS-REFERENCE: 800001.2^ATS
1)= S ^HMPROSTR(800001.2,"ATS", \$E(X,1,30),DA)=" "
2)= K ^HMPROSTR(800001.2,"ATS", \$E(X,1,30),DA)
The date.time cross-reference of patients in
the HMP Roster file.

FILES POINTED TO FIELDS

NEW PERSON (#200) OWNER (#.04)
PATIENT (#2) PATIENT: PATIENT (#.01)

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800001.5 -- HMP ACTIVITY FILE

FEB 23,2016@12:42:56 PAGE 1

STORED IN ^HMP(800001.5,"PTAPPT", *** NO DATA STORED YET *** SITE: VEHU MASTE
R UCI: VISTA,ROU (VERSION 2.0)

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
--------------	------------	-----------------	-----------

The HMP Activity File contains appointments for patients which are subscribed
to eHMP.

DD ACCESS: @

VA FileMan Files

RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

CROSS

REFERENCED BY: PATIENT NAME(B), HMP PROCESS FLAG(HMP)

800001.5,.01 PATIENT NAME 0;1 POINTER TO PATIENT FILE (#2)
(Required)

LAST EDITED: JUL 31, 2014
HELP-PROMPT: Select a patient from the PATIENT File (#2).
DESCRIPTION: The PATIENT File (#2) DFN of an eHMP subscribed patient with appointments.

CROSS-REFERENCE: 800001.5^B
1)= S ^HMP(800001.5,"PTAPPT","B",\$(X,1,30),DA)=""
2)= K ^HMP(800001.5,"PTAPPT","B",\$(X,1,30),DA)
PATIENT File (#2) DFN cross-reference of the HMP Activity File.

800001.5,2 APPOINTMENT DATE 0;2 DATE

INPUT TRANSFORM: S %DT="EST" D ^%DT S X=Y K:Y<1 X
LAST EDITED: AUG 04, 2014
HELP-PROMPT: Enter the date.time of the appointment.
DESCRIPTION: The date.time of a patient's appointment.

800001.5,3 APPOINTMENT STATUS 0;3 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>5!(\$L(X)<1) X
LAST EDITED: AUG 04, 2014
HELP-PROMPT: Answer must be 1-5 characters in length.
DESCRIPTION: This is the status of a patient's appointment.

800001.5,4 DATE RECORD CREATED 0;4 DATE

INPUT TRANSFORM: S %DT="EST" D ^%DT S X=Y K:Y<1 X
LAST EDITED: AUG 04, 2014
HELP-PROMPT: Enter the date.time the activity record was created.
DESCRIPTION: The date.time of creation of the activity record.

800001.5,5 DATE RECORD RETREIVED 0;5 DATE

INPUT TRANSFORM: S %DT="EST" D ^%DT S X=Y K:Y<1 X
LAST EDITED: AUG 04, 2014
HELP-PROMPT: Do not prompt. Field is stuffed by [TBD].
DESCRIPTION: This is the date.time that activity data was retrieved from VistA.

NOTES: TRIGGERED by the HMP PROCESS FLAG field of the

VA FileMan Files

HMP ACTIVITY File

800001.5,6 HMP PROCESS FLAG 0;6 NUMBER

INPUT TRANSFORM: K:+X'=X!(X>1)!(X<0)!(X?.E1"."1N.N) X
 LAST EDITED: AUG 04, 2014
 HELP-PROMPT: Type a number between 0 and 1, 0 decimal digits.
 DESCRIPTION: This is a system HMP Process Flag indicating an activity was processed.

CROSS-REFERENCE: 800001.5^HMP^MUMPS
 1)= I +X=0 S ^HMP(800001.5,"PTAPPT","HMP",+DA)= ""
 2)= K ^HMP(800001.5,"PTAPPT","HMP",+DA)
 This is a cross-reference of patient activities by process flag.

CROSS-REFERENCE: ^^TRIGGER^800001.5^5
 1)= Q
 2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=\$S(\$D(^HMP(800001.5,"PTAPPT",D0,0)):^(0),1:"") S X=\$P(Y(1),U,5),X=X S DIU=X K Y S X=DIV N %I,%H,% D NOW^%DTC S X=% X ^DD(800001.5,6,1,2,2.4)
 2.4)= S DIH=\$G(^HMP(800001.5,"PTAPPT",DIV(0),0),DIV=X S \$P(^0),U,5)=DIV,DIH=800001.5,DIG=5 D ^DICR
 CREATE VALUE)= NO EFFECT
 DELETE VALUE)= NOW
 FIELD)= DATE RECORD RETREIVED
 This trigger causes an activity file entry to be skipped, deleted, or processed.

800001.5,7 JSON MESSAGE JSON;1 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>200!(\$L(X)<1) X
 LAST EDITED: AUG 05, 2014
 HELP-PROMPT: Answer must be 1-200 characters in length.
 DESCRIPTION: This is a JSON message indicating the status of the corresponding patient activity record.

FILES POINTED TO

FIELDS

PATIENT (#2) PATIENT NAME (#.01)

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

FORM(S)/BLOCK(S):

C. Appendix 3 – Approved Integration Control Registrations

Table C-1 details the Approved Integration Control Registrations.

Table C-1 Approved Integration Control Registrations

Resource	DBIA #	Date Approved
^LAB(60	91	27-Jan-2016
ADM^VADPT2	325	18-Dec-2015
^DG(40.8	417	11-Apr-2016
LAB(61	524	19-Nov-2015
LRO(69	532	13-Nov-2015
^DIC(40.7	557	16-Dec-2015
EN^ORX8	871	30-Mar-2016
^RADPT("AO"	1172	18-Mar-2016
DGPM MOVEMENT EVENTS	1181	13-Apr-2016
SDAM APPOINTMENTS EVENTS	1320	19-Apr-2016
EN1^GMRVUT0	1446	05-Dec-2015
GMRA ENTERED IN ERROR	1467	23-Feb-2016
GMRA SIGN-OFF ON DATA	1469	23-Feb-2016
ORQPT CLINIC PATIENTS	1652	22-Jan-2016
ORWU USERINFO	1791	27-Jan-2016
ORWRP REPORT LISTS	1840	27-Jan-2016
ORWRP REPORT TEXT	1841	27-Jan-2016
^DGPM(1865	15-Apr-2016
^DGPM("APCA", ^DGPM("APMV", ^DGPM("ATID1"	1865	15-Apr-2016
\$\$GETENC^PXAPI	1894	09-Oct-2015
ENCEVENT^PXAPI	1894	09-Oct-2015
\$\$TEAMCNT^SCAPMCU1	1918	29-Oct-2015
^AUPNVSIT	2028	25-Nov-2015
^GMR(120.8	2166	02-Dec-2015
MAIN^PXRM	2182	09-Oct-2015
\$\$TSDATA^DGACT	2248	30-Nov-2015
^AUPNVPRV(2316	02-Jan-2016
WHATIS^USRLM	2324	29-Mar-2016
OCL^PSOORRL	2400	04-Nov-2015

Resource	DBIA #	Date Approved
OEL^PSOORRL	2400	04-Nov-2015
LRO(69	2407	26-Nov-2015
PS EVSEND OR	2415	17-Feb-2016
\$\$OI^ORX8	2467	30-Mar-2016
\$\$VALUE^ORX8	2467	30-Mar-2016
RR^LR7OR1	2503	04-Nov-2015
^XTV(8989.5	2686	30-Mar-2016
TEAMPTS^ORQPTQ1	2692	16-Oct-2015
EXTRACT^TIULQ	2693	28-Mar-2016
TIU(8925.1	2700	23-Nov-2015
^AUPNPROB(2727	30-Mar-2015
OER^GMRCSLM1	2740	02-Feb-2016
DETAIL^GMPLUTL2	2741	19-Oct-2015
LIST^GMPLUTL2	2741	19-Oct-2015
EDIT^VAFCDPTED	2784	06-Apr-2016
\$\$CWAD^ORQPT2	2831	20-Jan-2016
\$\$RESOLVE^TIUSRVLO	2834	14-Oct-2015
^ORD(101.43	2843	02-Dec-2015
CONTEXT^TIUSRVLO	2865	23-Nov-2015
TGET^TIUSRV1	2944	16-Oct-2015
EXPAND^LR7OU1	2955	15-Nov-2015
DOCLIST^GMRCGUIB	2980	02-Feb-2015
\$\$ISA^TIULX	3058	15-Oct-2015
\$\$PKGID^ORX8	3071	30-Mar-2016
^AUPNVPOV(3094	25-Nov-2015
OR EVSEND GMRC	3135	13-Mar-2016
GMRC EVSEND OR	3140	16-Feb-2016
EN^ORQ1	3154	30-Mar-2016
DG FIELD MONITOR	3344	19-Apr-2016
^GMR(120.86	3449	01-Dec-2015
RA(79.2	3505	24-Feb-2016
LIST^SROESTV	3533	16-Nov-2015
ONE^SROESTV	3533	16-Nov-2015
CPCLASS^TIUCP	3568	08-Oct-2015

Resource	DBIA #	Date Approved
ISCP^TIUCP	3568	08-Oct-2015
DOSE^PSSOPKI1	3739	11-May-2015
^DGS(41.1	3796	13-Apr-2016
\$\$GETACT^DGPFAP1	3860	18-Nov-2015
DEFLIST^ORQPTQ11	4204	03-Mar-2016
WARDPTS^ORQPTQ2	4207	03-Mar-2016
CLINPTS^ORQPTQ2	4207	03-Mar-2016
PROVPTS^ORQPTQ2	4207	03-Mar-2016
SPECPTS^ORQPTQ2	4207	03-Mar-2016
PCE4NOTE^ORWPCE3	4214	03-Mar-2016
EN1^MDPS1	4230	13-Jan-2016
PR690^MDPS1	4230	16-Dec-2015
LRPXRM^LRPXAPI	4245	05-Nov-2015
\$\$LRDN^LRPXAPIU	4246	05-Nov-2015
VHF^PXPXRM	4250	15-Oct-2015
VIMM^PXPXRM	4250	15-Oct-2015
VPEDU^PXPXRM	4250	15-Oct-2015
VSKIN^PXPXRM	4250	15-Oct-2015
VXAM^PXPXRM	4250	15-Oct-2015
^PXRMINDEX(63	4290	19-Nov-2015
\$\$CREATE^XUSAP	4677	14-Apr-2016
EIE^GMRAGUI1	4682	01-Jun-2016
NKA^GMRAGUI1	4682	01-Jun-2016
UPDATE^GMRAGUI1	4682	01-Jun-2016
EN1^GMVDCSAV	4815	13-Nov-2015
ORQQPX REMINDERS LIST	4898	29-Mar-2016
ORQQPX REMINDER DETAIL	4899	06-Apr-2016
BYWARD^ORWPT	4904	27-Jan-2016
ORWPT BYWARD	4904	27-Jan-2016
PTTEST^YTQPXRM2	5035	01-Jun-2016
ENDAS71^YTQPXRM6	5043	07-Nov-2015
^YTT(601.71	5044	03-Mar-2016
^YTT(601.71	5044	08-Jan-2016
\$\$FDEFSRC^ORQPTQ11	5137	03-Mar-2016

Resource	DBIA #	Date Approved
GETDLG1^ORCD	5493	06-Apr-2016
GETORDER^ORCD	5493	06-Apr-2016
\$\$CLASS^TIUCNSLT	5546	13-Oct-2015
ISCNSLT^TIUCNSLT	5546	13-Oct-2015
ISSURG^TIUSROI	5676	13-Oct-2015
^TIU(8926.1	5676	30-Dec-2015
\$\$CLASS^TIUSROI	5676	21-Oct-2015
TIU(8925.1	5677	25-Nov-2015
\$\$START^SCMCMHTC	5697	14-Oct-2015
RPC^GMVRPCM	5702	11-May-2015
GET^ORQ12	5704	03-Mar-2016
\$\$ICDDX^ICDEX	5747	13-Oct-2015
^MDC(704.102	5748	08-Jan-2016
^ORA(102.4	5769	04-Jul-2016
OR(100	5771	03-Mar-2016
^WV(790.05	5772	04-Feb-2016
^MDC(704.117	5810	19-Apr-2016
^MDC(704.118	5811	16-Dec-2015
ADMIN^PSBVPR	6038	13-Apr-2016
GMPL EVENT	6065	08-Feb-2016
GET^TIUVPR	6077	04-May-2016
\$\$IFC^GMRCAPI	6082	30-Mar-2016
ACT^GMRCAPI	6082	30-Mar-2016
GET^GMRCAPI	6082	19-Apr-2016
MDC OBSERVATION UPDATE	6084	20-Apr-2016
RA EVSEND OR	6086	16-Feb-2016
LR7O CH EVSEND OR	6087	16-Feb-2016
^USR(8930	6088	02-Feb-2016
^USR(8930.1	6089	01-Dec-2015
OR EVSEND FH	6090	03-Mar-2016
OR EVSEND LRCH	6091	16-Feb-2016
OR EVSEND ORG	6092	13-Mar-2016
OR EVSEND PS	6093	13-Mar-2016
OR EVSEND RA	6094	04-Mar-2016

Resource	DBIA #	Date Approved
OR EVSEND VPT	6095	29-Mar-2016
^TIU(8925	6154	20-Jan-2016
\$\$ACTLOC	6251	07-Mar-2016
\$\$LEXXFRM	6254	01-Feb-2016
DEFSORT	6261	07-Feb-2016
COMBPTS	6268	07-Mar-2016
IMTYPSEL	6269	07-Mar-2016
INPLOC	6272	07-Mar-2016
PCDETAIL	6273	07-Mar-2016
GETLIST	6274	07-Mar-2016
^EDP(230,"V"	6275	26-Apr-2016
^YTT(601.72	6277	15-Mar-2016
^TIU(8925.5	6279	25-Nov-2015
LAB(64.5	6280	17-Dec-2015
^OR(100.24	6283	06-Apr-2016
^PSB(53.79	6298	15-Apr-2016
TIU^HMPEVNT	6299	11-Jan-2016
POSTX^HMPEVNT	6301	11-Jan-2016
ORQQPL4 LEX	6348	02-Feb-2016
DGPF ASSIGN FLAG	6354	06-Apr-2016
GMRD(120.83	6357	04-Feb-2016
^ORD(100.98	6358	07-Feb-2016
STATUS^SDAMA308	6359	20-Apr-2016
GMRD(120.53	6364	24-Feb-2016
GMRD(120.52	6365	24-Feb-2016
GMRD(120.51	6366	24-Feb-2016
ORD(101.41	6367	03-Mar-2016
ORD(101.42	6368	04-Mar-2016
PS(51.2	6369	04-Mar-2016
PS(55	6395	21-Mar-2016
SCTM(404.51	6396	07-Apr-2016
FASTUSER	6397	06-Apr-2016
ORD(101	6400	07-Apr-2016

D. Appendix 4 – New Parameters

Table D-1 details the new parameters.

Table D-1 New Parameters

New Parameters	
PARAMETER DEFINITION LIST	MAR 3,2016 07:20 PAGE 1

<p>NUMBER: 855 DISPLAY TEXT: CPRS Location INSTANCE TERM: FREE TEXT VALUE TERM: PIV Link Message after success VALUE DATA TYPE: word processing PRECEDENCE: 1 PRECEDENCE: 4</p>	<p>NAME: HMP CPRS PATH MULTIPLE VALUED: No INSTANCE DATA TYPE: free text ENTITY FILE: USER ENTITY FILE: SYSTEM</p>
<p>NUMBER: 859 DISPLAY TEXT: HMP Average Domain Sizes MULTIPLE VALUED: Yes VALUE TERM: Size (in bytes) VALUE DOMAIN: 0:999999999:0 VALUE HELP: Enter the average size in bytes for each domain item. INSTANCE DATA TYPE: free text INSTANCE HELP: Enter the internal name for the domain (3rd UID piece). DESCRIPTION: This parameter contains a list of VPR extract domains and their average sizes. The sizes are used in computing the approximate size of an item with limiting the freshness calls by size. PRECEDENCE: 10</p>	<p>NAME: HMP DOMAIN SIZES INSTANCE TERM: Domain VALUE DATA TYPE: numeric INSTANCE DOMAIN: 1:30 ENTITY FILE: PACKAGE</p>
<p>NUMBER: 860 DISPLAY TEXT: Extracts Size Limit (MBs) VALUE TERM: HMP XTMP Megabytes VALUE DOMAIN: 10:2000:0 VALUE HELP: Enter the # of megabytes of data that triggers a requeue (10-2000) DESCRIPTION: Maximum size (megabytes) of all VPR extracts in ^XTMP("VPRFX~*") waiting to be sent to HMP servers as part of getPtUpdates. If maximum is reached, patient domain extract Taskman jobs will be requeued to a future time, as specified in the VPR EXTRACT TASK REQUEUE SECS parameter. At that time, this maximum check will be performed again. Also, this maximum check occurs when an executing extract job is about to start another domain extract. If maximum size has been reached, the job will hang the number of seconds specified by the VPR EXTRACT TASK REQUEUE SECS parameter. The maximum check will occur again after the hang time has expired. This limit is needed to insure the ^XTMP global does not get too big during initial/resync domain extract processing and cause disk full errors. PRECEDENCE: 1</p>	<p>NAME: HMP EXTRACT DISK SIZE LIMIT VALUE DATA TYPE: numeric ENTITY FILE: SYSTEM</p>
<p>NUMBER: 861 DISPLAY TEXT: seconds to requeue task or hang job VALUE TERM: Requeue/Hang seconds VALUE DOMAIN: 5:60:0 DESCRIPTION: When extract task cannot be run because of possible ^XTMP disk concerns, this parameter is used to requeue the task to a future date/time or hang an extract job currently executing.</p>	<p>NAME: HMP EXTRACT TASK REQUEUE SECS VALUE DATA TYPE: numeric VALUE HELP: Enter 5 to 60 seconds</p>

New Parameters

^XTMP disk space frees up as other already generated extracts are sent to the various HMP servers.

Allowed Values: 5 to 60 (5 seconds to 1 minute)

Default: 10 (if parameter not set)

Initialized: 10 (set in post-init during first install)

PRECEDENCE: 1 ENTITY FILE: SYSTEM

NUMBER: 856 NAME: HMP JSON SCHEMA

DISPLAY TEXT: HMP JSON Extract Schema

VALUE TERM: JSON Schema Version VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:999:4

VALUE HELP: Enter the version / build number for the HMP Schema

DESCRIPTION:

This contains the version number of the HMP schema which describes the JSON objects produced by the HMP extracts. The whole number increments whenever the schema changes in a way that requires a conversion or re-extraction of objects. The fractional piece increments whenever the schema is extended.

PRECEDENCE: 1 ENTITY FILE: PACKAGE

NUMBER: 857 NAME: HMP LOCATIONS

DISPLAY TEXT: HMP Locations MULTIPLE VALUED: Yes

INSTANCE TERM: Clinic VALUE TERM: Synchronized

VALUE DATA TYPE: yes/no INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 44

INSTANCE HELP: Enter clinic to synch with HMP

PRECEDENCE: 5 ENTITY FILE: DIVISION

NUMBER: 854 NAME: HMP PARAMETERS

DISPLAY TEXT: HMP SYSTEM PARAMETERS MULTIPLE VALUED: Yes

INSTANCE TERM: System Parameters VALUE TERM: System Parameters Name

VALUE DATA TYPE: word processing INSTANCE DATA TYPE: free text

DESCRIPTION:

This parameter stores a list of parameters used by the HMP middle tier and the HMP UI.

whenever the schema changes in a way that requires a conversion or re-extraction of objects. The fractional piece increments whenever the schema is extended.

PRECEDENCE: 6 ENTITY FILE: SYSTEM

PRECEDENCE: 1 ENTITY FILE: USER

NUMBER: 853 NAME: HMP SYSTEM NAME

DISPLAY TEXT: Hashed System Name VALUE DATA TYPE: free text

VALUE DOMAIN: 1:10

VALUE HELP: Enter the CRC hashed name for this system.

DESCRIPTION:

This parameter holds the name of this Vista system, as a hashed base 16 value. It is calculated by a HMP patch post-init and stuffed into the SYSTEM level value, and should NOT be modified.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

NUMBER: 858 NAME: HMP TASK WAIT TIME

DISPLAY TEXT: HMP TASK WAIT TIME VALUE TERM: #SECONDS

VALUE DATA TYPE: numeric VALUE DOMAIN: 1:9999

VALUE HELP: Enter the number of seconds to wait before the HMP Data Monitor re-queues

KEYWORD: HMP

INSTANCE DATA TYPE: free text

DESCRIPTION:

This is the number of seconds that the system will wait before re-queuing the HMP Data Monitor background job.

PRECEDENCE: 1 ENTITY FILE: PACKAGE

PRECEDENCE: 2 ENTITY FILE: SYSTEM

NUMBER: 852 NAME: HMP VERSION

New Parameters

DISPLAY TEXT: HMP Version	VALUE TERM: Version:
VALUE DATA TYPE: numeric	VALUE DOMAIN: 1:99:2
VALUE HELP: Enter the current version number of the HMP data extracts.	
INSTANCE DATA TYPE: free text	
DESCRIPTION:	
This parameter holds the current version number of the eHMP Patient Record (HMP) data extract RPC's, in the form V.PP where V is the package version number and PP is the latest patch number.	
PRECEDENCE: 1	ENTITY FILE: PACKAGE
PRECEDENCE: 1	ENTITY FILE: USER